DEUTSCHE BUNDESBANK
EUROSYSTEM

Technical specifications for reference and credit data reports for AnaCredit to the Bundesbank – Version 2.7 –

AnaCredit-BBk/RIAD-BBk

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Version	Date	Description of change
1.0	31 May 2017	Initial publication
1.1	28 June 2017	Change to the data type “BBK_NotApplicable” from “NA” to “NOT_APPL” Changes in 3.4 in the dataset “BBK_ANCRDT_PRTCTN_RCVD_C” relating to the technical attribute name and data type specification: “TYP_PRTCTN” and “CL_BBK_TYP_PRTCTN_ANCRDT_CLLCTN_NA” instead of “PRTCTN_PRVDR_CD_TYP” and “CL_BBK_TYP_CP_ID”
1.2	13 September 2017	Change to the column “Description (English)” in Table 7 under 3.4 Change to the “Description (German)” and data type specification for the attribute “DT_RFRNC” in Table 7 in 3.4 Change to the data type specification for the attributes “ACCMLTD_WRTFFS”,“ACCMLTD_IMPRMNT”, “ACCRD_INTRST”, “SYNDCTD_CNTRCT_ID” and “PSTL_CD” in Table 7 in 3.4 Rename of “reporting reference date” to “reporting period” Addition of section 3.2.9: Nil report Addition of section 4: Reply messages
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1.4	2 May 2018	Change to “SRVY_ID” in Table 3, Table 4, Figure 5 and Figure 6. Changes in Table 7: - Description of the data type specification for dates changed - Change to reference to code list for the attribute “TYP_PRTCTN_VL” Changes in 3.2.7: For replacements, the complete observation must be reported. For deletions, the identifiers of the observations are sufficient. Deletion occurs at the dataset level.
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2.1	18 June 2019	Changes in 3.1.3: Part message information in the file name must be reported Addition in 3.2.7 for action attribute “Delete” Addition of another SDMX dataset “BBK_ANCRDT_ENTTY_PRTCTD_C” in 3.3 in template file “BBK_RIAD” and in template file “BBK_ANCRDT_T1M” Addition of section 3.3.1: Reference to SDMX dataset “BBK_ANCRDT_ENTTY_PRTCTD_C” Changes in Table 7: - Addition of identifiers “AT_NOTAP_CD”, “CY_CBCID_CD”, “CY_OTHER_CD”, “FR_IF_CD”, “HK_CR_CD”, “IE_GOV_CD”, “IE_NOTAP_CD”, “LU_NOTAP_CD”, “NO_NBR_CD” and “SE_NOTAP_CD” - Deletion of identifiers “BG_OTHER_CD”, “CY_NOTAP_CD” and “HK_BR_CD” - Change to the data type specification for the attributes “LEI”, “GB_CRN_CD”, “IT_CCIAA_CD”, “LT_INV_CD”, “LU_RCS_CD”, “LV_FON_CD”, “MC_RCI_CD”, “RO_CUI_CD”, “RO_TAX_CD” and “SK_ICO_CD”, “SYNDCTD_CNTRCT_ID”, “CNTRCT_ID”, “INSTRMNT_ID”, “PRTCTN_ID” and “ENTTY_RIAD_CD” - Examples for following attributes added: “PD”, “ANNLSD_AGRD_RT”, “INTRST_RT_CP”, “INTRST_RT_FLR”, “INTRST_RT_SPRD” - Addition of dataset “BBK_ANCRDT_ENTTY_PRTCTD_C” Changes in Table 13: Changes to dataset “BBK_ANCRDT_VLD_ACK_C” - Addition of attributes “ENTTY_RL” and “VLD_FRM” - Deletion of attribute “CNDTN_IDS” Change to the data type specification for the attributes “CNTRCT_ID”, “INSTRMNT_ID”, “PRTCTN_ID” Addition of section 4.3: Validation results reply message Addition of section 4.4: Reply message for ECB validation results Addition of section 4.7: File name of a reply message file
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2.2	15 July 2020	Addition of section 3.1.2.3: Submission file for the confirmation of “outliers” (irregularities) Expansion of Table 1 to include the new reporting template “BBK_ANCRDT_CNFRMTN” and the column “Application” Rename of prefix from “riad” to “rdac” Change to the file name in 3.1.3.1 Addition of section 3.1.3.3: File name for the confirmation of outliers Figure 1: Addition of the new header “BBK_ANCRDT_CNFRMTN_HDR_C” Addition of section 3.2.3.3: Example of an SDMX header for the confirmation of outliers Table 3: Addition of the attribute “APPLCTN” Change to the eligible value for SRVY _ID: Rename of “RIAD” to “AC_RE” Figure 5: Example of a dataset with general information about the file Change to the example 3.2.5: Addition of the attribute “SBMSSN_TYP” and its description Table 4: Addition of the attributes “APPLCTN” and “SBMSSN_TYP” Change to the eligible value for “SRVY-ID” Figure 6: Change to the example Addition of section 3.2.6: BBK_ANCRDT_CNFRMTN_HDR_C Changes in section 3.2.7: including deletion of description of “BBK_ANCRDT_ENTTY_CHNGE_CD_C” Change in Table 6: Deletion of “BBK_ANCRDT_ENTTY_CHNGE_CD_C”, addition of “BBK_ANCRDT_CNFRMTN” Changes in Table 7: - Addition of attributes: “CH_ID_CD”, “CH_NUMMER”, “GB_FSR_CD”, “GB_VAT_CD”, “GEN_NOTAP_CD”, “MH_NBR_CD”, “RU_OGRN_CD”, “US_CIK_CD”, “US_DSFN_CD”, “SBMSSN_TYP”, “APPLCTN” - Change to the data type specification for the attributes “RCGNTN_STTS”, “ACCMLTD_WRTFFS”, “SRC_ENCMBRNC”, “ACCMLTD_CHNGS_FV_CR”, “PRFRMNG_STTS”, “DT_PRFRMNG_STTS”, “FRBRNC_STTS”, “DT_FRBRNC_STTS”, “DFLT_STTS”, “DE_BAKISN_CD”, “DE_BAKISG_CD DK_FT_CD”, “IE_CRO_CD”, “SE_ORG_CD”, “PD”, “TRNSFRRD_AMNT”,

		"ARRRS", "TYP_SCRTSTN", "OTSTNDNG_NMNL_AMNT", "TYP_INSTRMNT", "TYP_AMRTSTN", "CRRNCY_DNMNTN", "FDCRY", "DT_INCPTN", "PYMNT_FRQNCY", "PRJCT_FNNC_LN", "PRPS", "RCRS", "SBRDNTD_DBT", "RPYMNT_RGHTS", "PRTCTN_ALLCTD_VL", "THRD_PRTY_PRRTY_CLMS", "JNT_LBLTY_AMNT", "TYP_PRTCTN", "PRTCTN_VL", "TYP_PRTCTN_VL", "PRTCTN_VLTN_APPRCH", "DT_PRTCTN_VL", "ORGNL_PRTCTN_VL", "DT_ORGNL_PRTCTN_VL" - Change to description of the attribute "DE_NOTAP_CD" - Addition of "DE_TAX_CD" and "DE_VAT_CD" as national identifiers - Deletion of dataset "BBK_ANCRDT_ENTTY_CHNGE_CD_C" - Addition of datasets "BBK_ANCRDT_CNFRMTN_HDR_C" and "BBK_ANCRDT_CNFRMTN_C" Table 9: Addition of attribute "SRVY_ID", change to eligible value for "APPLCTN" Table 10: Addition of attribute "SRVY_ID", change to eligible value for "APPLCTN" Changes in Table 13: - Addition of attribute "SRVY_ID" in the SDMX datasets "BBK_ANCRDT_ACK_HDR_C" and "BBK_ANCRDT_RMND_HDR_C" - Change to the data type specification for attributes "APPLCTN" and "VLDTN_ID" - Change to the code list for "TYP_CP_ID" in the SDMX dataset "BBK_ANCRDT_VLD_ACK_C" Addition to 4.7: New Table 14: Prefix for each reporting template/application Change to the file name in 4.7.1.1 Change to the file name in 4.7.1.2 Addition of section 4.7.2: File name of a reply message regarding counterparty reference data Change to the file name in 4.7.3 Addition of section 4.7.4: File name of a reminder regarding credit data Addition of section 4.7.5: File name of a reminder regarding counterparty reference data

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2.4	26 July 2022	Section 2: Addition of a new reference document Changes in Table 7: - Addition of the following identifiers in the DSD “BBK_ANCRDT_ENTTY_RFRNC_C”: “IE_VAT_CD”, “AE_BL_CD”, “AR_CUIT_CD”, “AU_ACN_CD”, “AU_ABN_CD”, “BA_MBS_CD”, “BA_JIB_CD”, “BA_PIB_CD”, “BM_RN_CD”, “BS_NBR_CD”, “BY_NBR_CD”, “BZ_TIN_CD”, “CA_REG_ID_CD”, “CL_RUT_CD”, “CO_NIT_CD”, “EC_RUC_CD”, “GG_RN_CD”, “ID_NPWP_CD”, “IL_TAX_CD”, “IM_RN_CD”, “IM_TAX_CD”, “JE_TAX_CD”, “KR_TIN_CD”, “LI_FL_CD”, “MH_EN_CD”, “MY_CRN_CD”, “NC_NBR_CD”, “PA_RUC_CD”, “PE_RUC_CD”, “RS_PIB_CD”, “RS_MB_CD”, “SG_ROB_CD”, “SM_COE_CD”, “TH_NBR_CD”, “TW_TAX_CD”, “UY_RUT_CD” - Change to the pattern in the DSD “BBK_ANCRDT_ENTITY_RFRNC_C” for the attributes “JJP_CN_CD”, “US_DSFN_CD”, “DK_FT_CD”,

		“AT_GEM_CD”, “AT_IDENT_CD”, “DE_BAK_CD”, “DE_BAKISG_CD”, “DE_BAKISN_CD”, “LT_INV_CD” - Change to the description in the DSD “BBK_ANCRDT_ENTTY_RFRNC_C” for attribute “MT_CNUM_CD” - Change of attributes “PRT_MSSG” and “IS_LST_PRT_MSSG” in the DSD “BBK_RIAD_HDR_C” to optional - Addition of attributes “DQI_ID” and “CNFRMTN_CMMNT” in the DSD “BBK_ANCRDT_CNFRMTN_C” Note in section 3.1.3 on the maximum length of a file name File name and example in section 3.1.3.1 modified: Part message information no longer required for the RIAD-BBk application Change to example in section 3.1.3.2 Change to description, Table 3 and example 3.2.4.1 in section 3.2.4: Part message information no longer required for the RIAD-BBk application Section 4: Addition of an additional type of return report Change in Table 8: Addition to the schema file “BBK_ANCRDT_DQI_V2.4-SDMX.xsd” Addition of section 4.1.6 Change in Table 12: Addition to the schema file “BBK_ANCRDT_DQI” Change in Table 13: Addition of the following attribute to the DSD “BBK_ANCRDT_VLD_ACK_C”: “RPRTD_VLDTN_ID” Addition of the following DSDs: - “BBK_ANCRDT_DQI_C” - “BBK_ANCRDT_DQI_VLD_C” - “BBK_ANCRDT_DQI_INFRMTN_C” - “BBK_ANCRDT_DQI_HDR_C” Change in Table 14: Addition of the reporting template “BBK_ANCRDT_DQI” Addition of section 4.5: Reply message for reminder data Addition of section 4.6: Reply message for data quality indicators Note in section 4.7 on the maximum length of a file name Addition of section 4.7.6: File name of a DQI reply message regarding credit data

2.5	28 July 2023	Change in section 3.2.7: Action attribute “Delete”: Change in wording Changes in Table 7: Changes in the DSD “BBK_ANCRDT_entity_RFRNC_C”: - Change to the data type specification for the attributes “AE_BL_CD”, “BE_OND_CD”, “BIC”, “BR_CNPJ_CD”, “CA_REG_ID_CD”, “CL_RUT_CD”, “DE_BAK_CD”, “DE_TAX_CD”, “DE_TRD_RGSTR_CD”, “ID_NPWP_CD”, “LI_FL_CD”, “NC_NBR_CD”, “PA_RUC_CD”, “RO_TRN_CD”, “RS_PIB_CD”, “SG_ROB_CD” - Deletion of the following attributes: “MH_EN_CD” - Addition of the following attributes: “DE_PS_CD” Change in Table 13: Addition of the following attribute to the DSD “BBK_ANCRDT_VLD_ACK_C”: “VLD_T”
2.6	26 July 2024	Section 3.2.1: Update to versions of the schema files Section 3.4, Table 7: Change to formatting Section 3.4, Table 7 in DSD “BBK_ANCRDT_ACCNTNG_C”: - Change to the data type specification for the following attributes: “PRFRMNG_STTS”, “ACCMLTD_IMPRMNT” Section 3.4, Table 7, in DSD “BBK_ANCRDT_ENTTY_RFRNC_C”: - Deletion of the following attribute: “DE_DESTATIS_CD” - Addition of the following attributes: “SK_IBD_CD”, “ECNMC_ACTVTY_V2” - Change to the data type specification for the following attributes: “LGL_FRM”, “ISIN”, “BA_MBS_CD”, “BM_RN_CD”, “BR_CNPJ_CD”, “CL_RUT_CD”, “CY_IF_CD”, “DK_FT_CD”, “DE_BAK_CD”, “DUNS_CD”, “FI_Y_CD”, “GB_CRN_CD”, “GG_RN_CD”, “HK_CR_CD”, “ID_NPWP_CD”, “JP_CN_CD”, “LI_FL_CD”, “LU_RCS_CD”, “MH_NBR_CD”, “MY_CRN_CD”, “RO_TRN_CD”, “SM_COE_CD”, “TR_VKN_CD”, “US_DSFN_CD”, “SK_IF_CD”, “SG_ROB_CD” Section 4.1.1: Update to versions of the schema files Section 4.2, Table 13, in DSD “BBK_ANCRDT_VLD_ACK_C”: - Addition of the following attributes: “DQI_ID”
2.7		Update to the code lists “CL_BBK_ISO3166_NUTS_DSJNT_NA” and “CL_BBK_ISO4217”

1 Introduction

This document outlines the technical format of the data exchange between AnaCredit reporting agents and the Bundesbank. It contains a description of the counterparty reference data reports as well as the credit data reports for AnaCredit.

Knowledge of XML and the SDMX XML standard, especially version SDMX 2.1, is required in order to thoroughly understand the content of this document [STD-SDMX]. This document is not intended to serve as an introduction to XML or SDMX, which is why reference should be made to the standard documentation for any technical details.

This documentation is intended for technical business units (IT departments, service providers) that have been tasked with creating and transmitting data to the Bundesbank's AnaCredit system.

The technical details are explained in a simplified form. More detailed documentation (XML schema files) is available separately [Ana-SDMX]. In case of doubt, the XML schema files are the sole authoritative guideline for creating XML files.

2 Reference documents

[Ana]	Regulation (EU) 2016/867 of the European Central Bank of 18 May 2016	https://www.bundesbank.de/en/service/reporting-systems/banking-statistics/credit-data-statistics-anacredit--752098
[MS-S]	Reporting template for counterparty reference data	https://www.bundesbank.de/en/service/reporting-systems/banking-statistics/credit-data-statistics-anacredit--752098
[MS-K]	Reporting template for credit data	https://www.bundesbank.de/en/service/reporting-systems/banking-statistics/credit-data-statistics-anacredit--752098
[MANUAL-ECB]	ECB AnaCredit Reporting Manual	https://www.bundesbank.de/en/service/reporting-systems/banking-statistics/credit-data-statistics-anacredit--752098
[ANORDN-BBk]	Statistical instruction on credit data statistics (AnaCredit)	https://www.bundesbank.de/en/service/reporting-systems/banking-statistics/credit-data-statistics-anacredit--752098
[RL-BBk]	Guidelines for credit data statistics (AnaCredit)	https://www.bundesbank.de/en/service/reporting-systems/banking-statistics/credit-data-statistics-anacredit--752098
[VLD_AC]	Manual on AnaCredit validation rules	https://www.bundesbank.de/en/service/reporting-systems/banking-statistics/credit-data-statistics-anacredit--752098
[DQI_AC]	Manual on AnaCredit data quality indicators	https://www.bundesbank.de/en/service/reporting-systems/banking-statistics/credit-data-statistics-anacredit--752098
[Ana-SDMX]	Technical AnaCredit-BBk reporting template	https://www.bundesbank.de/en/service/reporting-systems/banking-statistics/credit-data-statistics-anacredit--752098
[SDMX]	SDMX Content-Oriented Guidelines	https://sdmx.org/?page_id=4345
[STD-SDMX]	SDMX 2.1 standard reporting template files	http://sdmx.org/wp-content/uploads/SDMX_2-1-

		1_SECTION_3B_SDMX_ML_Schemas_Samples_201308.zip
[EXTRANET]	General information on ExtraNet	https://www.bundesbank.de/en/service/extranet
[CD-LIST]	Code lists for the reporting templates	https://www.bundesbank.de/en/service/reporting-systems/banking-statistics/credit-data-statistics-anacredit--752098

3 Submitting reports to the Bundesbank

3.1 Information regarding transmission

Reports are to be transmitted in XML files in accordance with the stipulated RIAD-BBk or AnaCredit-BBk reporting templates.

3.1.1 ExtraNet

Files are delivered via the Bundesbank's ExtraNet. More information is available on the Bundesbank's website (see [EXTRANET]). There is an ExtraNet mailbox for counterparty reference data and an ExtraNet mailbox for credit data.
The ExtraNet links for the file exchange are as follows:
ExtraNet – Filetransfer: Document upload and download area in the test environment:
https://extranet-t.bundesbank.de/FT/
ExtraNet – Filetransfer: Document upload and download area in the live environment:
https://extranet.bundesbank.de/FT/

3.1.2 Structure of data delivery

The structure of the data deliveries is based on the reporting tables described in the AnaCredit Regulation [Ana], which are divided into three different templates in the Regulation (primarily based on the reporting frequency). The Bundesbank's templates for credit data correspond exactly to this breakdown. There is also an additional template for the counterparty reference data as well as an additional template that can be used to confirm values that have occurred as "outliers" (irregularities) in a plausibility check. See section 3.2.1 for details on the specific reporting templates.
Pursuant to the Regulation, a reporting agent must submit a report for all of their observed agents. The reporting agent may entrust a service provider with this task, who is also able to submit reports for several reporting agents.

Each submission file consists of an XML file, which has to be compressed into a ZIP archive. Only one XML file is permitted per ZIP archive.

Sections 3.1.2.1, 3.1.2.2 and 3.1.2.3 describe how the data are to be reported for each reporting agent (counterparty reference data) or observed agent (credit data).

3.1.2.1 Submission file for counterparty reference data

A submission file for counterparty reference data can only be submitted for the RIAD-BBk application.
Each submission file for the counterparty reference data of a reporting agent may contain only reference data relating to just one reporting period.
A reporting agent's report for a specific reporting period must be submitted in a **single** file.

Should it be the case that no changes are made to the counterparty reference data of a reporting agent within a reference period, a nil report should be submitted (see section 3.2.9). In general, only (complete) counterparty reference datasets to which changes have been made since the previous month are to be reported.

3.1.2.2 Submission file for credit data

A submission file for credit data can only be submitted for the AnaCredit-BBk application. Each submission file for credit data may contain only data from just one of the three credit data reporting templates, one observed agent and one reporting period. Data from several observed agents of the same reporting agent have to be split among several files.
As a general rule, a report has to be sent as a triple (reporting template/observed agent/reporting period) in a **single** file. If the unzipped file size exceeds 100 MB, the report must be split into several files (see section 3.1.3.2 for details on the file naming convention). In this case, the report is to be split among two (or more) valid XML files. A sender's data delivery therefore consists of at least one file per observed agent, reporting template and reporting period.

3.1.2.3 Submission file for the confirmation of outliers

A submission file for the confirmation of outliers can be submitted for both the AnaCredit-BBk and the RIAD-BBk applications.

RIAD-BBk:
A submission file for RIAD-BBk may contain only confirmations for just one reporting agent and one reporting period.
A report has to be sent as a triple (reporting template for the confirmation of outliers/reporting agent/reporting period) in a **single** file.

AnaCredit-BBk:
A submission file for AnaCredit-BBk may contain only confirmations for just one observed agent and one reporting period.
A report has to be sent as a triple (reporting template for the confirmation of outliers/observed agent/reporting period) in a **single** file.

3.1.3 File name

The file name consists of the name, a period and the three-letter file extension. All letters in the file name are written in lower case. The file extension for XML files is **xml** and the file extension for ZIP archives is **zip**. A file name (including file extension) should not exceed 80 characters.

A separate prefix is used for each combination of reporting template/application:

Reporting template	Application	Prefix
BBK_RIAD	RIAD-BBk	rdac
BBK_ANCRDT_T1M	AnaCredit-BBk	ac1m
BBK_ANCRDT_T2M	AnaCredit-BBk	ac2m
BBK_ANCRDT_T2Q	AnaCredit-BBk	ac2q
BBK_ANCRDT_CNFRMTN	AnaCredit-BBk	accf
BBK_ANCRDT_CNFRMTN	RIAD-BBk	rdcf

Table 1: Prefix per reporting template/application

3.1.3.1 File name for counterparty reference data

The name consists of the ***prefix*** "*rdac*" shown in Table 1, the German ***bank identifier code*** of the reporting agent, the ***reporting period*** in the format *YYYYMM* and the unique ***ID*** of the report (see also SDMX header). The individual attributes are to be separated by an underscore "_".

Example of a counterparty reference data file

A sender wishes to submit a report with the ID 10000 for the reporting period March 2018 for the counterparty reference data of the loans to be reported by the reporting agent with the German bank identifier code 50400000.

Attribute	Attribute value	Value in the file name
Reporting template	BBK_RIAD	**rdac**
Reporting agent	German bank identifier code of the reporting agent (8 digits, no check digit)	**50400000**
Reporting period	March 2018	**201803**
ID of the report	10000	**10000**

This results in the following file names:
rdac_50400000_201803_10000.xml and **rdac_50400000_201803_10000.zip**

3.1.3.2 File name for credit data

The name consists of the ***prefix*** shown in Table 1, the German ***bank identifier code*** of the observed agent, the ***reporting period*** in the format *YYYYMM* and the unique ***ID*** of the report (see also SDMX header) and the ***numbering of the files (part message)***; additionally, the final file is marked with an "e" to identify it as a triple (reporting template/observed agent/reporting period). The individual attributes are to be separated by an underscore "_".

Example of a credit data file

A sender wishes to submit a report with the ID 10001 in two files for the reporting period September 2018 for the observed agent with the German bank identifier code 50400000 for the reporting template BBK_ANCRDT_T1M.

1. File

Attribute	Attribute value	Value in the file name
Reporting template	BBK_ANCRDT_T1M	**ac1m**
Observed agent	German bank identifier code of the observed agent	**50400000**
Reporting period	September 2018	**201809**
ID of the report	10001	**10001**
Part message	First file of a report	**1**

This results in the following file names:
ac1m_50400000_201809_10001_1.xml and
ac1m_50400000_201809_10001_1.zip

2. File

Attribute	Attribute value	Value in the file name
Reporting template	BBK_ANCRDT_T1M	**ac1m**
Observed agent	German bank identifier code of the observed agent	**50400000**
Reporting period	September 2018	**201809**
ID of the report	10001	**10001**
Part message	Second (and last) file of a report	**2e**

This results in the following file names:
ac1m_50400000_201809_10001_2e.xml and
ac1m_50400000_201809_10001_2e.zip

3.1.3.3 File name for the confirmation of outliers

RIAD-BBK

The name consists of the ***prefix*** "*rdcf*" shown in Table 1, the German ***bank identifier code*** of the reporting agent, the ***reporting period*** in the format *YYYYMM* and the unique ***ID*** of the report (see also SDMX header). The individual attributes are to be separated by an underscore "_".

Example of a confirmation of outliers file for counterparty reference data

A sender wishes to submit a report with the ID 10000 for the reporting period March 2018, the reporting template BBK_ANCRDT_CNFRMTN and for the reporting agent with the German bank identifier code 50400000.

Attribute	Attribute value	Value in the file name
Reporting template	BBK_ANCRDT_CNFRMTN	**rdcf**
Reporting agent	German bank identifier code of the reporting agent (8 digits, no check digit)	**50400000**
Reporting period	March 2018	**201803**
ID of the report	10000	**10000**

This results in the following file names:
rdcf_50400000_201803_10000.xml and **rdcf_50400000_201803_10000.zip**

AnaCredit-BBK:
The name consists of the ***prefix*** "*accf*" shown in Table 1, the German ***bank identifier code*** of the observed agent, the ***reporting period*** in the format *YYYYMM* and the unique ***ID*** of the report (see also SDMX header). The individual attributes are to be separated by an underscore "_".

Example of a confirmation of outliers file for credit data

A sender wishes to submit a report with the ID 10001 for the reporting period September 2018, the observed agent with the German bank identifier code 50400000 and for the reporting template BBK_ANCRDT_CNFRMTN.

Attribute	Attribute value	Value in the file name
Reporting template	BBK_ANCRDT_CNFRMTN	**accf**
Observed agent	German bank identifier code of the observed agent	**50400000**
Reporting period	September 2018	**201809**
ID of the report	10001	**10001**

This results in the following file names:
accf_50400000_201809_10001.xml and
accf_50400000_201809_10001.zip

3.2 Transmission file

3.2.1 XML template files

The following files are required to create and validate AnaCredit reports:

1. **XML template files for the reporting forms (depending on the type of report):**

Reporting template file	Data	Reporting frequency
BBK_RIAD_V2.6-SDMX.xsd	Counterparty reference data	**Monthly**
BBK_ANCRDT_T1M_V2.6-SDMX.xsd	Credit data: Instrument data	**Monthly**
BBK_ANCRDT_T2M_V2.6-SDMX.xsd	Credit data: Additional monthly credit data	**Monthly**
BBK_ANCRDT_T2Q_V2.6-SDMX.xsd	Credit data: Accounting data	**Quarterly**
BBK_ANCRDT_CNFRMTN_V2.6-SDMX.xsd	Confirmation of outliers for counterparty reference data and credit data	-

2. **Code list files for the codes to be used in the forms:**

Code list file	Description
BBK_CDLST_V2.7-SDMX.xsd	Bundesbank-specific code lists
ECB_CDLST_V2.6-SDMX.xsd	ECB code lists

3. Data type files:

Data type file	Description
BBKCommonTypes_V2.6-SDMX.xsd	Bundesbank-specific data types
ECBCommonTypes_V2.5-SDMX.xsd	ECB-specific data types

4. XML template files that incorporate the superordinate SDMX 2.1 standard:

Template file	Template file	Template file
SDMXCommon.xsd	SDMXQueryData.xsd	SDMXStructure.xsd
SDMXCommonReferences.xsd	SDMXQueryDataflow.xsd	SDMXStructureBase.xsd
SDMXDataGeneric.xsd	SDMXQueryDataStructure.xsd	SDMXStructureCategorisation.xsd
SDMXDataGenericBase.xsd	SDMXQueryHierarchicalCodelist.xsd	SDMXStructureCategory.xsd
SDMXDataGenericTimeSeries.xsd	SDMXQueryMetadata.xsd	SDMXStructureCodelist.xsd
SDMXDataStructureSpecific.xsd	SDMXQueryMetadataflow.xsd	SDMXStructureConcept.xsd
SDMXDataStructureSpecificBase.xsd	SDMXQueryMetadataStructure.xsd	SDMXStructureConstraint.xsd
SDMXDataStructureSpecificTimeSeries.xsd	SDMXQueryOrganisation.xsd	SDMXStructureDataflow.xsd
SDMXMessage.xsd	SDMXQueryProcess.xsd	SDMXStructureDataStructure.xsd
SDMXMessageFooter.xsd	SDMXQueryProvisionAgreement.xsd	SDMXStructureHierarchicalCodelist.xsd
SDMXMetadataGeneric.xsd	SDMXQueryReportingTaxonomy.xsd	SDMXStructureMetadataflow.xsd
SDMXMetadataStructureSpecific.xsd	SDMXQuerySchema.xsd	SDMXStructureMetadataStructure.xsd
SDMXQuery.xsd	SDMXQueryStructures.xsd	SDMXStructureOrganisation.xsd
SDMXQueryBase.xsd	SDMXQueryStructureSet.xsd	SDMXStructureProcess.xsd
SDMXQueryCategorisation.xsd	SDMXRegistry.xsd	SDMXStructureProvisionAgreement.xsd
SDMXQueryCategory.xsd	SDMXRegistryBase.xsd	SDMXStructureReportingTaxonomy.xsd
SDMXQueryCodelist.xsd	SDMXRegistryRegistration.xsd	SDMXStructureStructureSet.xsd
SDMXQueryConcept.xsd	SDMXRegistryStructure.xsd	xml.xsd
SDMXQueryConstraint.xsd	SDMXRegistrySubscription.xsd	

These files are available via [STD-SDMX] or together with the above-listed reporting templates and code lists on the Bundesbank's website.[1]

[1] https://www.bundesbank.de/en/service/reporting-systems/banking-statistics/credit-data-statistics-anacredit--752098

3.2.2 File structure

Figure 1 depicts the structure of a report:

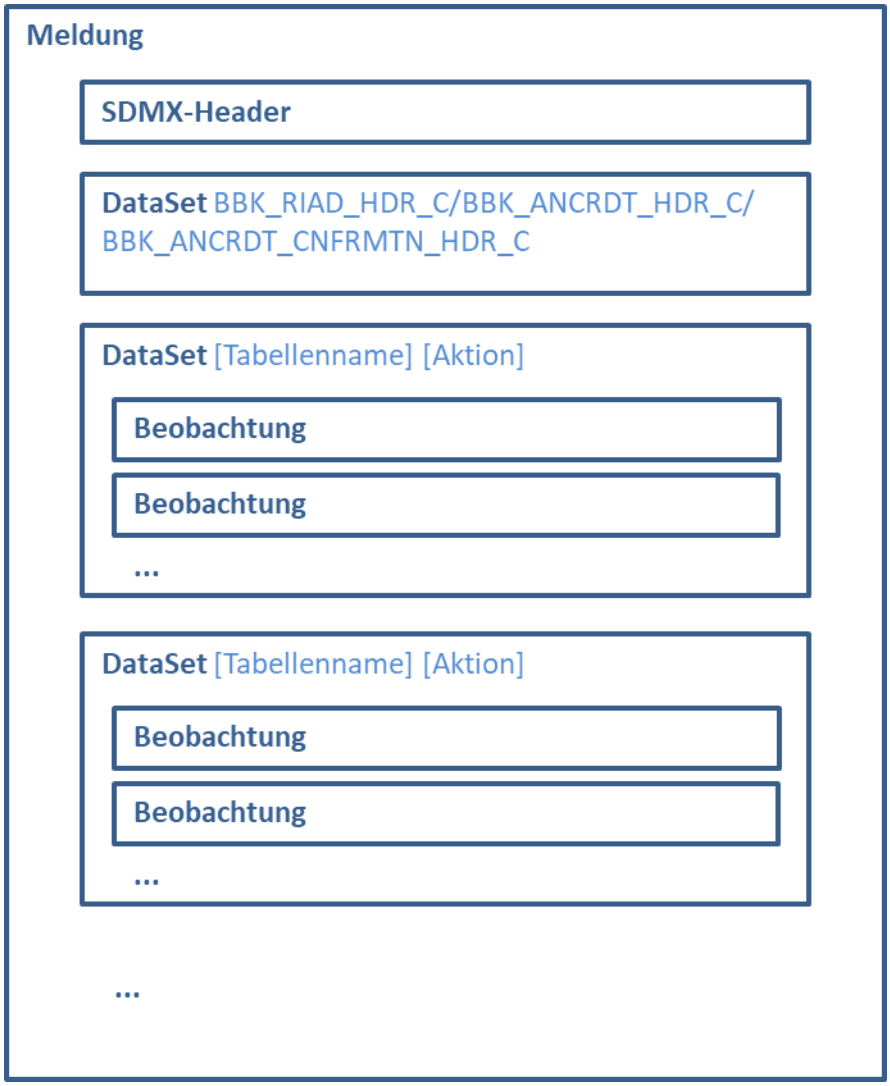

Figure 1: Structure of a report file

The sequence shown in Figure 1 (SDMX header, dataset BBK_RIAD_HDR_C, BBK_ANCRDT_HDR_C or BBK_ANCRDT_CNFRMTN_HDR_C and dataset tables) must be observed.

3.2.3 SDMX header

The SDMX header contains general information about the report file. The SDMX standard covers a large number of fields. For AnaCredit purposes, it is reduced to the following mandatory fields:

Name of SDMX header element	Definition
ID	This field must be used by the reporting agent to save an internal reference number for the message. The Bundesbank refers to this field in (confirmation) messages to the reporting agent. If a report is split into multiple files, this field must contain the same value for all files relating to the same report.
Test	Must be set to “false” for reports in the Bundesbank’s live environment or “true” for reports in the test environment. Otherwise, the report will be rejected. If no value is entered, the default value is “false”.
Prepared	The preparation date and time must be entered in this field. The Bundesbank uses the contents of this field to ensure that messages are processed in the correct order. In particular, the system will reject a message if the “prepared” timestamp is prior to the “prepared” timestamp of the last processed message for the same pair (reporting agent/reporting period) in the case of a counterparty reference data report or for the same triple (reporting template/observed agent/reporting period) in the case of a credit data report.
Sender/ID	The sender’s identifier must be entered here. If the sender is the reporting agent, enter the German bank identifier code here. Service providers/computer centres should use the computer centre ID they already have from other banking statistics reports or one that is newly allocated by the Bundesbank.
Receiver	Ignore
Name	Ignore
Structure	This **multi-use** element should be used to state the required SDMX datasets according to the specified XML template files – see the SDMX dataset in Table 6.

Table 2: How to fill the mandatory fields in the header of an XML file

Please note that the SDMX standard header allows for element repetitions in many cases. For AnaCredit reports, this will not be possible other than for the “Structure” element, i.e. each of the elements described in the following list (except “Structure”) may only appear once, at most.

3.2.3.1 Example of an SDMX header for counterparty reference data

```
<message:Header xsi:type="message:StructureSpecificDataHeaderType">
      <message:ID>10001</message:ID>
      <message:Test>false</message:Test>
      <message:Prepared>2016-08-09T16:21:49+01:00</message:Prepared>
      <message:Sender id="BLZ10"/>
      <message:Structure
            structureID="BBK_RIAD_HDR_C"
            namespace="BBK_RIAD_HDR_C"
            dimensionAtObservation="AllDimensions">
                  <common:Structure>
                  <Ref agencyID="BBK" id="BBK_RIAD_HDR_C"/>
                  </common:Structure>
      </message:Structure>
      <message:Structure
            structureID="BBK_ANCRDT_ENTTY_RFRNC_C"
            dimensionAtObservation="AllDimensions"
            namespace="BBK_ANCRDT_ENTTY_RFRNC_C">
                  <common:Structure>
                  <Ref agencyID="BBK" id="BBK_ANCRDT_ENTTY_RFRNC_C"/>
                  </common:Structure>
      </message:Structure>
</message:Header>
```

Figure 2: Example of an SMDX header for counterparty reference data

3.2.3.2 Example of an SDMX header for credit data

```
<message:Header xsi:type="message:StructureSpecificDataHeaderType">
      <message:ID>10001</message:ID>
      <message:Test>false</message:Test>
      <message:Prepared>2016-08-09T16:21:49+01:00</message:Prepared>
      <message:Sender id="BLZ10"/>
      <message:Structure
            structureID="BBK_ANCRDT_HDR_C"
            namespace="BBK_ANCRDT_HDR_C"
            dimensionAtObservation="AllDimensions">
                  <common:Structure>
                  <Ref agencyID="BBK" id="BBK_ANCRDT_HDR_C"/>
                  </common:Structure>
      </message:Structure>
      <message:Structure
            structureID="BBK_ANCRDT_ENTTY_INSTRMNT_C"
            dimensionAtObservation="AllDimensions"
            namespace="BBK_ANCRDT_ENTTY_INSTRMNT_C">
                  <common:Structure>
                  <Ref agencyID="BBK" id="BBK_ANCRDT_ENTTY_INSTRMNT_C"/>
                  </common:Structure>
            </message:Structure>
      <message:Structure
            structureID="BBK_ANCRDT_FNNCL_C"
            dimensionAtObservation="AllDimensions"
            namespace="BBK_ANCRDT_FNNCL_C">
                  <common:Structure>
                  <Ref agencyID="BBK" id="BBK_ANCRDT_FNNCL_C"/>
                  </common:Structure>
      </message:Structure>
      <message:Structure
                  structureID="BBK_ANCRDT_INSTRMNT_C"
```

```
                  dimensionAtObservation="AllDimensions"
                  namespace="BBK_ANCRDT_INSTRMNT_C">
                        <common:Structure>
                        <Ref agencyID="BBK" id="BBK_ANCRDT_INSTRMNT_C"/>
                        </common:Structure>
      </message:Structure>
      <message:Structure
                  structureID="BBK_ANCRDT_JNT_LBLTS_C"
                  dimensionAtObservation="AllDimensions"
                  namespace="BBK_ANCRDT_JNT_LBLTS_C">
                        <common:Structure>
                        <Ref agencyID="BBK" id="BBK_ANCRDT_JNT_LBLTS_C"/>
                        </common:Structure>
      </message:Structure>
</message:Header>
```

Figure 3: Example of an SDMX header for credit data T1M

3.2.3.3 Example of an SDMX header for the confirmation of outliers

```
<message:Header xsi:type="message:StructureSpecificDataHeaderType">
      <message:ID>10001</message:ID>
      <message:Test>false</message:Test>
      <message:Prepared>2016-08-09T16:21:49+01:00</message:Prepared>
      <message:Sender id="BLZ10"/>
      <message:Structure
            structureID="BBK_ANCRDT_CNFRMTN_HDR_C"
            namespace="BBK_ANCRDT_CNFRMTN_HDR_C"
            dimensionAtObservation="AllDimensions">
                  <common:Structure>
                  <Ref agencyID="BBK" id="BBK_ANCRDT_CNFRMTN_HDR_C"/>
                  </common:Structure>
      </message:Structure>
      <message:Structure
            structureID="BBK_ANCRDT_CNFRMTN_C"
            dimensionAtObservation="AllDimensions"
            namespace="BBK_ANCRDT_CNFRMTN_C">
                  <common:Structure>
                  <Ref agencyID="BBK" id="BBK_ANCRDT_CNFRMTN_C"/>
                  </common:Structure>
      </message:Structure>
</message:Header>
```

Figure 4: Example of an SDMX header for the confirmation of outliers

3.2.4 BBK_RIAD_IR_C: Counterparty reference data-specific header dataset

This is a technical dataset which contains counterparty reference data-specific information about the report file. It is used to specify the relevant reporting agent (“RPRTNG_AGNT_CD”), the reporting period (“DT_RFRNC”) to which the report refers, and the reporting template type (“SRVY-ID”).

The table below lists the individual eligible values of the attributes:

Attribute name	Eligible value
RPRTNG_AGNT_CD	German bank identifier code of the reporting agent
DT_RFRNC	Reporting period of the report in the following format: YYYYMM (e.g. 201803 for March 2018)
APPLCTN	RIAD
SRVY-ID[2]	AC_RE

Table 3: Eligible values for the attributes in a dataset with general information about the file

There must be exactly one RIAD-specific header dataset per report file for counterparty reference data, which has to be placed directly after the SDMX header.

3.2.4.1 Example:

```
<message:DataSet
      data:structureRef="BBK_RIAD_HDR_C"
            xsi:type="riad:BBK_RIAD_HDR_C"
            data:dataScope="DataStructure">
                  <Obs RPRTNG_AGNT_CD="BLZ10"
                  DT_RFRNC="201512"
                  APPLCTN="RIAD"
                  SRVY_ID="AC_RE"
                  />
</message:DataSet>
```

Figure 5: Example of a dataset with general information about the file

3.2.5 BBK_ANCRDT_HIR_C: AnaCredit-specific header dataset

This is a technical dataset which contains AnaCredit-specific information about the report file. It is used to specify the relevant reporting agent (“RPRTNG_AGNT_CD”) and observed agent (“OBSRVD_AGNT_CD”), the reporting period (“DT_RFRNC”) to which the report refers, and the reporting template type (“SRVY-ID”). Since a report can be split into multiple files if it exceeds the size limit, it must be stated here what number file is concerned (“PRT_MSSG”) and whether it is the last file (“IS_LST_PRT_MSSG”) of this report. In addition, the submission type (“SBMSSN_TYP”) of the report file must be specified. The following three variants are possible:

a) FULL_REPLACEMENT

The data records in the report file are treated as a **full report**. The dynamic credit data and the static credit data must be submitted in full for all instruments that were valid for this reporting date. After the FULL_REPLACEMENT report, AnaCredit-BBk contains for this reporting period only those data records that were actually in the report file for this reporting period and which were not rejected.

Any data records for this reporting period that may have existed before (for example via an earlier submission) are simultaneously deleted in full. It should also be noted that all

[2] Complete code list: CL_BBK_SRVY_ID

pre-existing data records of all datasets of a template are always deleted, irrespective of whether all datasets of the template are reported in the new FULL_REPLACEMENT report (example T1M template: All existing data from the “Instrument data”, “Counterparty-instrument”, “Financial data” and “Joint liabilities data” datasets are deleted).

With this reporting procedure, instruments terminated in the reporting month no longer require a delete report.

If information on natural persons was transmitted in a previous report, the data on the natural person still need to be deleted despite the submission type FULL_REPLACEMENT. Natural persons must be reported in the SDMX dataset BBK_ANCRDT_ENTTY_PRTCTD_C.

b) FULL_DYNAMIC

All dynamic data records in the report file are treated as a full report, while static credit data are treated as a delta report for the previous reporting date.

In other words, if this type of submission is used for a reporting period, all dynamic data records for all valid transactions must always be entered in full.

The following applies to static credit data: If FULL_DYNAMIC is selected as the submission type, AnaCredit-BBk copies the static credit data from the previous reporting period to the current reporting period. For this reason, new static credit data, changes to or deletions of static credit data must be provided for this type of submission.

The submission type FULL_DYNAMIC can be used multiple times for the same reporting period. However, AnaCredit-BBk then proceeds as if it were the first report for the new reporting date; all data records previously submitted for this reporting period for the respective template are thus deleted: even in this case, the static credit data from the report file are also considered to be changes compared with the valid status of the previous reporting period. The dynamic data records of the template are to be reported in full again for this reporting period.

c) CHANGE

This type of submission can only be used if a FULL_REPLACEMENT or FULL_DYNAMIC report has already been submitted for the same reporting period. The data records in the report file that are transmitted using the CHANGE submission type are always treated as **changes to the data already available in AnaCredit-BBk**. The data for this reporting period that existed up to this point in AnaCredit-BBk are modified to include changes to existing data records, additions of new data records and deletions of existing data records from the report file.

The table below lists the individual eligible values of the attributes:

Attribute name	Eligible value
RPRTNG_AGNT_CD	German bank identifier code of the reporting agent
OBSRVD_AGNT_CD	German bank identifier code or pseudo bank identifier code of the observed agent
DT_RFRNC	Reporting period of the report in the following format: YYYYMM (e.g. 201803 for March 2018)
APPLCTN	AC
SRVY-ID[3]	One of the following formats is permitted: • T1M • T2M • T2Q
PRT_MSSG	Part message in the form of x (If, e.g., a report for the same triple (reporting template/reporting agent/reporting period) is split into two files, enter x=1 for the first file and x=2 for the second file). If the file is not split, enter 1.
IS_LST_PRT_MSSG	Set to "true" for the last file of a report. This is always the case if a report was not split into multiple files (normal case). If a report is split into multiple files, and the file in question is not the last file of that report, set to "false".
SBMSSN_TYP	One of the following formats is permitted: • FULL_REPLACEMENT • FULL_DYNAMIC • CHANGE

Table 4: Eligible values for the attributes in a dataset with general information about the file

There must be exactly one AnaCredit-specific header dataset per report file. If a report for the same triple (reporting template/observed agent/reporting period) is split into multiple files, the AnaCredit-specific header dataset with general information about the file must be given in each file.

3.2.5.1 Example:

```
<message:DataSet
    data:structureRef="BBK_ANCRDT_HDR_C"
            xsi:type="T1M:BBK_ANCRDT_HDR_C"
            data:dataScope="DataStructure">
                  <Obs RPRTNG_AGNT_CD="BLZ10"
                  OBSRVD_AGNT_CD="BLZ10"
                  DT_RFRNC="201512"
                   APPLCTN="AC"
                  SRVY_ID="T1M"
                  PRT_MSSG="1"
                  IS_LST_PRT_MSSG="false"
                   SBMSSN_TYP = "FULL_REPLACEMENT"   />
</message:DataSet>
```

Figure 6: Example of a dataset with general information about the file

[3] Complete code list: CL_BBK_SRVY_ID

3.2.6 BBK_ANCRDT_CNFRMTN_HDR_C: Specific header dataset for the confirmation of irregularities

This is a technical dataset which contains specific information about the report file. It is used to specify the relevant reporting agent ("RPRTNG_AGNT_CD") and observed agent ("OBSRVD_AGNT_CD"), the reporting period ("DT_RFRNC") to which the report refers, as well as the reporting template type ("SRVY-ID").

Attribute name	Eligible value
RPRTNG_AGNT_CD	German bank identifier code of the reporting agent
OBSRVD_AGNT_CD	German bank identifier code or pseudo bank identifier code of the observed agent
DT_RFRNC	Reporting period of the report in the following format: YYYYMM (e.g. 201803 for March 2018)
APPLCTN	AC (for credit data) or RIAD (for counterparty reference data)
SRVY-ID[4]	CNFRMTN

Table 5: Eligible values for the attributes in a dataset with general information about the file

There must be exactly one AnaCredit-specific header dataset per report file.

3.2.6.1 Example:

```
<message:DataSet
    data:structureRef="BBK_ANCRDT_CNFRMTN_HDR_C"
            xsi:type="CNFRMTN:BBK_ANCRDT_CNFRMTN_HDR_C"
            data:dataScope="DataStructure">
                  <Obs RPRTNG_AGNT_CD="BLZ10"
                  OBSRVD_AGNT_CD="BLZ10"
                  DT_RFRNC="201512"
                   APPLCTN="AC"
                  SRVY_ID="CNFRMTN"/>
</message:DataSet>
```

Figure 7: Example of a dataset with general information about the file

3.2.7 Dataset

A dataset element ("DataSet") corresponds to a certain table of the AnaCredit data model from Table 6 (see below). The table data are the sub-elements (observations, "Obs" elements) of the dataset element. The observations correspond to the individual rows of the relevant table.

Each dataset is defined by the following attributes.

Table name:

The table name must match one of the names set out in Table 6.

[4] Complete code list: CL_BBK_SRVY_ID

Action attribute:

The action attribute defines how the system processes the contents of a special dataset. The following two values are allowed.

- Replace: This value should be used as standard. It informs the system that existing observations are being replaced by more up-to-date ones. If the observations do not yet exist, they will be added to the data stock. Replace is the default value. In the event of a replace action, the complete observation must be reported.
- Delete: This value should be used to inform the system that the observations previously transferred for this dataset need to be deleted from the system. In the case of a delete action, only the required attributes, i.e. the mandatory fields (see Table 7), of these observations are permitted to be reported. This value should also be used to report matured instruments; see [RL-BBk], Section II.7.
  The action attribute “Delete” is not permitted for the datasets BBK_ANCRDT_ENTTY_PRTCTD_C and BBK_ANCRDT_CNFRMTN_C (see Table 6), i.e. “Delete” cannot be used to delete data on natural persons or to confirm irregularities. If data on a natural person are to be deleted, the natural person must be reported in the SDMX dataset BBK_ANCRDT_ENTTY_PRTCTD_C.

The SDMX standard additionally permits the values “Append” and “Information”. These attributes are ignored and treated as “Replace”. If this attribute is not reported, “Replace” is taken as the default.

A report may contain no more than one observation with the same mandatory fields (see Table 7).

3.2.7.1 Example

```
<message:DataSet data:structureRef="BBK_ANCRDT_ENTTY_RFRNC_C"
xsi:type="riad:BBK_ANCRDT_ENTTY_RFRNC_C" data:dataScope="DataStructure"
data:action="Replace">
<Obs CP_ID="31" TYP_CP_ID="1" DE_TRD_RGSTR_CD="HRA222222-K1101"
     ULTMT_PRNT_UNDRTKNG_ID="31" TYP_ULTMT_PRNT_UNDRTKNG_ID="1"
     NM_ENTTY="Mittelgroße Bank AG" STRT="hgdfshdf" CTY="Frankfurt"
     TRRTRL_UNT="DE712" PSTL_CD="60325" CNTRY="DE" LGL_FRM="DE201"
     INSTTTNL_SCTR="S122_A" KUSY="64B" LGL_PRCDNG_STTS="1" ENTRPRS_SZ="1"
     ENTRPRS_SZ_DT="2015-07-29" NMBR_EMPLYS="68696"
     BLNC_SHT_TTL_CRRNCY="3851759" ANNL_TRNVR_CRRNCY="11555270"
     ACCNTNG_FRMWRK_SL="3"/>
</message:DataSet>
```

Figure 8: Dataset with one observation

3.2.8 Observation

The general format of an observation is as follows (see also the example in Figure 8):
< Obs FIELD1="value1" FIELD2="value2" … FIELDn="valuen" />
The specific fields for each dataset are described in the relevant reporting template (see [Ana-SDMX]).
In a dataset, the mandatory fields (see Table 7) are defined as required, whilst all other fields are optional.

Individual fields for which reduced reporting requirements apply do not have to be reported. For technically inapplicable fields, report the value "NOT_APPL".

3.2.9 Nil report

In cases where no data have to be reported for a table, the dataset element ("DataSet") of this table, including the observations, is not reported in the XML file.

3.3 Allocation of reporting tables to the XML template files

The following table allocates each table of the AnaCredit data model (see [MS-S] and [MS-K]) to the various schema files.

Template file	Table name	SDMX dataset
BBK_RIAD	Counterparty reference data (static) Notification of counterparties that are already registered which are natural persons and whose data should be deleted (static)	BBK_ANCRDT_ENTTY_RFRNC_C BBK_ANCRDT_ENTTY_PRTCTD_C
BBK_ANCRDT_T1M	Instrument data (static) Financial data Counterparty-instrument data (static) Joint liabilities data Notification of counterparties that are already registered which are natural persons and whose data should be deleted (static)	BBK_ANCRDT_INSTRMNT_C BBK_ANCRDT_FNNCL_C BBK_ANCRDT_ENTTY_INSTRMNT_C BBK_ANCRDT_JNT_LBLTS_C BBK_ANCRDT_ENTTY_PRTCTD_C
BBK_ANCRDT_T2M	Counterparty default data Counterparty risk data Protection received data (static) Instrument - protection received data Protection provider data (static)	BBK_ANCRDT_ENTTY_DFLT_C BBK_ANCRDT_ENTTY_RSK_C BBK_ANCRDT_PRTCTN_RCVD_C BBK_ANCRDT_INSTRMNT_PRTCTN_RCVD_C BBK_ANCRDT_PRTCTN_PRVDR_C
BBK_ANCRDT_T2Q	Accounting data	BBK_ANCRDT_ACCNTNG_C
BBK_ANCRDT_CNFRMTN	Confirmation data of irregularities for counterparty reference data and credit data	BBK_ANCRDT_CNFRMTN_C

Table 6: Tables of the data model allocated to the individual template files

A report does not always need to contain all SDMX datasets of a template file from Table 6. For example, credit data, as defined in [ANORDN-BBk], only have to reported when there are changes against the previous month.

3.4 Attributes

The reportable attributes are listed in Table 7 together with the exact data type specifications. The technical definition of the individual attributes can be found in the Deutsche Bundesbank's AnaCredit Directives (see [RL-BBk]). There is no German name for most national identifiers. Further information on this can be found in the Deutsche Bundesbank's AnaCredit Directives (see [RL-BBk]) or in the list of national identifiers in the annex to the ECB AnaCredit Reporting Manual (see [MANUAL-ECB]).

DSD	Technical attribute name	Mandatory field	National identifier	Description (English)	Description (German)	Data type specification
BBK_ANCRDT_ACCNTNG_C	CNTRCT_ID	Yes		Contract identifier	Vertragskennung	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
	INSTRMNT_ID	Yes		Instrument identifier	Instrumentenkennung	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
	ACCNTNG_CLSSFCTN			Accounting classification of instruments	Rechnungslegungsklassifikation von Instrumenten	Code list or "NOT_APPL" CL_BBK_ACCNTNG_CLSSFCTN_ANCRDT_CLLCTN_NA
	RCGNTN_STTS			Balance sheet recognition	Bilanzieller Ansatz	Code list CL_ECBSDD_RCGNTN_STTS_ANCRDT_CLLCTN
	ACCMLTD_WRTFFS			Accumulated write-offs	Kumulierte Abschreibungen	Non-negative amounts of money to 2 decimal places
	ACCMLTD_IMPRMNT			Accumulated impairment amount	Kumulierter Wertminderungsbetrag	Positive and negative amounts of money to 2 decimal places or "NOT_APPL"
	IMPRMNT_STTS			Type of impairment	Art der Wertminderung	Code list or "NOT_APPL" CL_BBK_CRDT_QLTY_IMPRMNT_STTS_ANCRDT_CLLCTN_NA
	IMPRMNT_ASSSSMNT_MTHD			Impairment assessment method	Verfahren zur Bewertung der Wertminderung	Code list or "NOT_APPL" CL_BBK_IMPRMNT_ASSSSMNT_MTHD_ANCRDT_CLLCTN_NA

	SRC_ENCMBRNC			Source of encumbrance	Belastungsquellen	CL_ECBSDD_SRC_ENCMBRNC_ANCRDT_CLLCTN
	ACCMLTD_CHNGS_FV_CR			Accumulated changes in fair value due to credit risk	Kumulierte Änderungen des beizulegenden Zeitwerts aufgrund von Ausfallrisiken	Non-negative amounts of money to 2 decimal places or "NOT_APPL"
	PRFRMNG_STTS			Performing status of the instrument	Leistungsstatus des Instruments	Code list CL_BBK_CRDT_QLTY_PRFRMNG_STTS_ANCRDT_CLLCTN_NA
	DT_PRFRMNG_STTS			Date of the performing status of the instrument	Datum des Leistungsstatus des Instruments	Date in the format YYYY-MM-DD
	PRVSNS_OFF_BLNC_SHT			Provisions associated with off-balance-sheet exposures	Rückstellungen bezogen auf außerbilanzielle Forderungen	Non-negative amounts of money to 2 decimal places or "NOT_APPL"
	FRBRNC_STTS			Status of forbearance and renegotiation	Stundungs- und Neuverhandlungsstatus	Code list CL_ECBSDD_FRBRNC_STTS_ANCRDT_CLLCTN
	DT_FRBRNC_STTS			Date of the status of forbearance and renegotiation	Datum des Stundungs- und Neuverhandlungsstatus	Date in the format YYYY-MM-DD
	CMLTV_RCVRS_SNC_DFLT			Cumulative recoveries since default	Kumulierte Rückflüsse seit dem Ausfall	Non-negative amounts of money to 2 decimal places or "NOT_APPL"
	PRDNTL_PRTFL			Prudential portfolio	Bankaufsichtliches Portfolio	Code list or "NOT_APPL" CL_BBK_PRDNTL_PRTFL_ANCRDT_CLLCTN_NA
	CRRYNG_AMNT			Carrying amount	Buchwert	Positive and negative amounts of money to 2 decimal places or "NOT_APPL"
BBK_ANCRDT_E	CP_ID	Yes		Counterparty identifier	Vertragspartnerkennung	String containing up to 60 characters: Printable characters in UTF-8

	TYP_CP_ID	Yes		Counterparty identifier type	Typ der Vertragspartnerkennung	Code list CL_BBK_TYP_CP_ID
	DFLT_STTS			Default status of the counterparty	Ausfallstatus des Vertragspartners	Code list CL_ECBSDD_CRDT_QLTY_DFLT_STTS_ANCRDT_CLLCTN
	DT_DFLT_STTS			Date of the default status of the counterparty	Datum zum Ausfallstatus des Vertragspartners	Date in the format YYYY-MM-DD or “NOT_APPL”
BBK_ANCRDT_ENTTY_INSTRMNT_C	TYP_CP_ID	Yes		Counterparty identifier type	Typ der Vertragspartnerkennung	Code list CL_BBK_TYP_CP_ID_PRTC
	CP_ID	Yes		Counterparty identifier	Vertragspartnerkennung	String containing up to 60 characters: Printable characters in UTF-8 or “NOT_APPL”
	CNTRCT_ID	Yes		Contract identifier	Vertragskennung	String containing up to 60 characters: Pattern: [!-~]|([!-~] [-~]*[!-~])
	INSTRMNT_ID	Yes		Instrument identifier	Instrumentenkennung	String containing up to 60 characters: Pattern: [!-~]|([!-~] [-~]*[!-~])
	ENTTY_RL	Yes		Counterparty role	Rolle des Vertragspartners	Code list CL_ECBSDD_ENTTY_RL_ANCRDT_CLLCTN
BBK_ANCRDT_ENTTY_RFRNC_C	TYP_CP_ID	Yes		Counterparty identifier type	Typ der Vertragspartnerkennung	Code list CL_BBK_TYP_CP_ID
	CP_ID	Yes		Counterparty identifier	Vertragspartnerkennung	String containing up to 60 characters: Printable characters in UTF-8
	LEI code			Legal entity identifier (LEI) (mandatory if available)	Rechtsträgerkennung (LEI)	String containing exactly 20 characters (Pattern: [A-Z0-9]{18}\d{2}) or “NOT_APPL”:

	TYP_HD_OFFC_UNDRTKNG_ID			Head office undertaking identifier type	Typ der Kennung der Hauptverwaltung des Unternehmens	Code list CL_BBK_TYP_CP_ID
	HD_OFFC_UNDRTKNG_ID			Head office undertaking identifier	Kennung der Hauptverwaltung des Unternehmens	String containing up to 60 characters: Printable characters in UTF-8
	TYP_IMMDT_PRNT_UNDRTKNG_ID			Immediate parent undertaking identifier type	Typ der Kennung der direkten Muttergesellschaft	Code list CL_BBK_TYP_CP_ID_PRTC
	IMMDT_PRNT_UNDRTKNG_ID			Immediate parent undertaking identifier	Kennung der direkten Muttergesellschaft	String containing up to 60 characters: Printable characters in UTF-8 or “NOT_APPL”
	TYP_ULTMT_PRNT_UNDRTKNG_ID			Ultimate parent undertaking identifier type	Typ der Kennung der obersten Muttergesellschaft	Code list CL_BBK_TYP_CP_ID_PRTC
	ULTMT_PRNT_UNDRTKNG_ID			Ultimate parent undertaking identifier	Kennung der obersten Muttergesellschaft	String containing up to 60 characters: Printable characters in UTF-8 or “NOT_APPL”
	NM_ENTTY			Name	Name	String containing up to 255 characters: Printable characters in UTF-8
	STRT			Address: street	Anschrift: Straße	String containing up to 255 characters: Printable characters in UTF-8 or “NOT_APPL”
	CTY			Address: city/town/village	Anschrift: Stadt/ Gemeinde/ Ortschaft	String containing up to 255 characters: Printable characters in UTF-8 or “NOT_APPL”
	TRRTRL_UNT			Address: county/administrative division	Anschrift: Kreis/Verwaltungseinheit	Code list or “NOT_APPL” CL_BBK_NUTS3_NA

	PSTL_CD			Address: postal code	Anschrift: Postleitzahl	String containing up to 255 characters: Printable characters in UTF-8 or “NOT_APPL”
	CNTRY			Address: country	Anschrift: Land	Code list CL_ECBSDD_ISO3166_DSJNT_IO
	LGL_FRM			Legal form	Rechtsform	Code list CL_BBK_LGL_FRM
	INSTTTNL_SCTR			Institutional sector	Institutioneller Sektor	Code list CL_BBK_INSTTTNL_SCTR
	ECNMC_ACTVTY			Economic activity	Wirtschaftszweigklassifikation	Code list CL_ECBSDD_NACE_LVLS2TO4_STGNG
	KUSY			Customer classification code	Kundensystematik-Schlüssel	Code list CL_BBK_KUSY
	LGL_PRCDNG_STTS			Status of legal proceedings	Status von Gerichtsverfahren	Code list or “NOT_APPL” CL_BBK_LGL_PRCDNG_STTS_NA
	LGL_PRCDNG_STTS_DT			Date of initiation of legal proceedings	Datum der Eröffnung des Gerichtsverfahrens	Date in the format YYYY-MM-DD or “NOT_APPL”
	ENTRPRS_SZ			Enterprise size	Unternehmensgröße	Code list CL_BBK_SZ_NA
	ENTRPRS_SZ_DT			Date of enterprise size	Datum der Unternehmensgröße	Date in the format YYYY-MM-DD or “NOT_APPL”
	NMBR_EMPLYS			Number of employees	Beschäftigtenzahl	Non-negative numbers to 2 decimal places or “NOT_APPL”

	BLNC_SHT_TTL_CRRNCY			Balance sheet total	Bilanzsumme	Non-negative amounts of money to 2 decimal places or "NOT_APPL"
	ANNL_TRNVR_CRRNCY			Annual turnover	Jahresumsatz	Positive and negative amounts of money to 2 decimal places or "NOT_APPL"
	ACCNTNG_FRMWRK_SL			Accounting standard	Rechnungslegungsstandard	Code list CL_ECBSDD_ACCNTNG_FRMWRK_RIAD_CLLCTN
	ENTTY_RIAD_CD			RIAD code	RIAD Code	String containing up to 50 characters: Pattern: [A-Za-z0-9_@$\-][!-~]*
	ISIN			ISIN	ISIN	String containing up to 136 ISINs, each 12 characters long, separated by semicolons. Pattern: [A-Z]{2}[A-Z0-9]{9}[0-9](;[A-Z]{2}[A-Z0-9]{9}[0-9]){0,135}
	AE_BL_CD		Yes	Registration number		String containing up to 50 characters: Printable characters in UTF-8
	AR_CUIT_CD		Yes	Tax identification number		String containing exactly 13 characters: Pattern: \d{2}-\d{8}-\d{1}
	AT_FB_CD		Yes	National business register identifier	Firmenbuchnummer	String containing up to 10 characters: Pattern: \d{1,6}[A-Za-z]\d{0,3}
	AT_GEM_CD		Yes	Municipality ID, ID of the administrative municipality	Gemeindenummer	String containing exactly 5 digits: Pattern: \d{5}
	AT_IDENT_CD		Yes	Reporting ID assigned by the OeNB	Identnummer	String containing up to 8 characters: Pattern: \d{1,8}
	AT_LAE_CD		Yes	Federal State ID, ID of the administrative region	Ländernummer	String containing exactly one digit: Pattern: \d
	AT_NOTAP_CD		Yes	Counterparties not registered in the	Nicht zutreffend	"NOT_APPL"

				Commercial Register or in the Register of Associations		
	AT_ZVR_CD		Yes	Register of Associations	Vereinsregister nummer	String containing up to 10 characters: Pattern: \d{1,10}
	AU_ABN_CD		Yes	Business Registration Number – business number		String containing exactly 14 characters: Pattern: \d{2} \d{3} \d{3} \d{3}
	AU_ACN_CD		Yes	Business Registration Number – company number		String containing exactly 11 characters: Pattern: \d{3} \d{3} \d{3}
	AVID			Entity identifier issued by AVOX		String containing up to 50 characters: Printable characters in UTF-8
	BA_JIB_CD		Yes	Unique identification number		String containing exactly 13 digits: Pattern: \d{13}
	BA_MBS_CD		Yes	Entity registration number		String containing up to 13 characters: Pattern: \d{1,2}-\d{3,5}|\d{1}-\d{4}-\d{2}|\d{2}-\d{2}-\d{4}-\d{2}|\d-\d{3}-\d|\d-\d{2}
	BA_PIB_CD		Yes	Tax identification number		String containing exactly 12 digits: Pattern: \d{12}
	BE_KBO_BCE_CD			Belgian business register code: Kruispuntbank van Ondernemingen (KBO) / Banque-Carrefour des Entreprises (BCE)		String containing up to 50 characters: Printable characters in UTF-8
	BE_OND_CD		Yes	Unique identification number assigned to all legal entities, institutional units and self-employed persons in Belgium	Unternehmens nummer	String containing exactly 10 digits: Pattern: [0,1]\d{9}

				which is used to identify them for all possible transactions, applications, administrative formalities (including taxation), exchanges of information among administration units ...		
	BG_BULSTAT_CD		Yes	BULSTAT register number		String containing exactly 9, 10 or 13 digits: Pattern: \d{13}|\d{10}|\d{9}
	BG_UIC_CD		Yes	Unified Identification Code (Commercial register code)		String containing exactly 9 or 13 digits: Pattern: \d{13}|\d{9}
	BG_VAT_CD		Yes	VAT identification code given according to Art. 94 of Value Added Tax Act		String containing exactly 11 or 12 characters: Pattern: (BG)\d{10}|(BG)\d{9}
	BIC			SWIFT code / Bank Identifier Code (BIC)	BIC	String containing exactly 11 characters: Pattern: [A-Z0-9]{11}
	BLMBRG_CD			Identifier issued by Bloomberg (Bloomberg ticker)	Bloomberg Ticker Code	String containing up to 50 characters: Printable characters in UTF-8
	BM_RN_CD		Yes	Registration number		String containing up to 50 characters: Printable characters in UTF-8
	BR_CNPJ_CD		Yes	Business register number		String containing exactly 18 characters: Pattern: \d{2}\.\d{3}\.\d{3}/\d{4}-\d{2}
	BS_NBR_CD		Yes	National business number or TIN		String containing 5 to 7 digits: Pattern: \d{5,7}
	BVD_CD			Entity identifier issued by Bureau van Dijk		String containing up to 50 characters: Printable characters in UTF-8

	BY_NBR_CD		Yes	Registration number		String containing exactly 9 digits: Pattern: \d{9}
	BZ_TIN_CD		Yes	Tax identification number		String containing exactly 6 digits: Pattern: \d{6}
	CA_BN_CD		Yes	Tax code		String containing exactly 9 digits: Pattern: \d{9}
	CA_REG_ID_CD		Yes	Registration number		String containing exactly 7 digits or with exactly 9 characters: Pattern: \d{7}|(BC\d{7})
	CH_ID_CD		Yes	Business register number		String containing exactly 13 characters: Pattern: (CH)\d{11}
	CH_NUMMER		Yes	Business register number		String containing exactly 18 characters: Pattern: (CH)-\d{3}\.\d{1}\.\d{3}\.\d{3}\-\d{1}
	CH_UID_CD		Yes	Tax code		String containing exactly 15 characters: Pattern: (CHE)-\d{3}\.\d{3}\.\d{3}
	CL_RUT_CD		Yes	Tax identification number		String containing 10 or 12 characters: Pattern: \d{2}\.\d{3}\.\d{3}-[K0-9]|\d{8}-[K0-9]
	CN_CC_CD		Yes	Tax code		String containing exactly 18 characters: Pattern: [A-Z0-9]{18}
	CO_NIT_CD		Yes	Tax identification number		String containing exactly 11 characters: Pattern: \d{9}-\d{1}
	CY_CBCID_CD		Yes	CBC internal code		String containing up to 10 characters: Pattern: [A-Z]{2}\d{1,8}
	CY_DRCOR_CD		Yes	Registration number given by the Department of Registrar of Companies and Official Receiver		String containing up to 9 characters: Pattern: (C|O|P)\d{1,8}

	CY_GG_CD		Yes	General Government Unit Identifier		String containing exactly 11 characters: Pattern: (S13)\d{8}
	CY_IF_CD		Yes	Investment fund identifier		String containing exactly 8 characters: Pattern: (IF)\d{4}
	CY_OTHER_CD		Yes	National identifier uniquely assigned to a CY legal entity and not included in the list. To be used only if no other identifier listed in the table is available for the counterparty.		String containing up to 50 characters: Printable characters in UTF-8
	CY_PF_CD		Yes	Pension fund identifier		String containing up to 6 characters: Pattern: (PF)\d{1,4}
	CY_TIC_CD		Yes	Tax Identification Code		String containing exactly 9 characters: Pattern: \d{8}[A-Z]
	CY_VAT_CD		Yes	VAT/Tax Number		String containing exactly 9 characters: Pattern: (0|1|3|4|5|9)\d{7}[A-Z]
	CZ_ICO_CD		Yes	CZ Business register code		String containing exactly 8 digits: Pattern: \d{8} (if fewer than eight digits, fill with leading zeros)
	CZ_NID_CD		Yes	Alternative Identification Number		String containing exactly 8 or 10 digits: Pattern: \d{10}|\d{8}
	DE_BAK_CD			German BAK number assigned by BaFin	BAK-Nr.	String containing exactly 4 or 6 characters: Pattern: \d{6}|\d{4}|\d{3}|[A-Z]\d{3}
	DE_BAKISG_CD			Bundesbank creditor number	Kreditgebernummer	String containing exactly 8 digits: Pattern: \d{8}
	DE_BAKISN_CD			Bundesbank borrower number	Kreditnehmernummer	String containing exactly 8 digits: Pattern: \d{8}

	DE_BLZ			German bank identifier code	Bankleitzahl	String containing exactly 8 digits: Pattern: \d{8}
	DE_NOTAP_CD		Yes	Counterparty not registered in any of the registers listed and does not have a tax or VAT code.	Nicht zutreffend	“NOT_APPL”
	DE_PS_CD		Yes	Public sector entity identifier	Identifikator für den öffentlichen Sektor (vergeben von DESTATIS)	String containing 14 or 15 digits: Pattern: \d{14}|\d{15}
	DE_TAX_CD		Yes	German tax code		String containing exactly 13 digits: Pattern: [1-9]\d{3}0\d{8}
	DE_TRD_RGSTR_CD		Yes	German register code	Genossenschafts, Handels-, Partnerschafts- oder Vereinsregister nummer	String containing up to 18 characters: Pattern: ((HRA)|(G(n|N)R)|(HRB)|(PR)|(VR)|(G(s|S)R) [1-9]\d{0,5} [A-ZÄÜÖ] {0,3}-[A-Z]\d{4}
	DE_VAT_CD		Yes	German VAT code		String containing exactly 11 characters: Pattern: (DE)\d{9}
	DK_CVR_CD		Yes	ID used for identification of legal entities in the Danish Central business register	CVR-Nummer	String containing exactly 8 digits: Pattern: \d{8}
	DK_FT_CD		Yes	ID assigned by the Danish Financial supervisory authority for supervised entities or companies related to supervised entities	FT-Nummer	String containing up to 9 characters: Pattern: [1-9]((\d{2,4})|(\d{4}-\d{3}))
	DK_NOTAP_CD		Yes	The counterparty does not have any national identifier	Nicht zutreffend	“NOT_APPL”

	DK_SE_CD		Yes	VAT number		String containing exactly 8 digits: Pattern: \d{8}
	DUNS_CD			Entity identifier issued by Dun & Bradstreet		String containing up to 12 characters: Printable characters in UTF-8
	ECNMC_ACTVTY_V2		Yes	Economic activity new NACE code classification 2.1	Wirtschaftszweigklassifikation 2.1	Code list CL_ECBSDD_NACE_LVLS2TO4_STGNG_2_1
	EC_RUC_CD		Yes	Tax identification number		String containing exactly 13 digits: Pattern: \d{13}
	EE_FON_CD		Yes	Unique identifier for investment and pension funds issued by the central bank and used in the reporting		String containing up to 4 digits: Pattern: \d{1,4}
	EE_RG_CD		Yes	Commercial registry code for state and local government agencies, NFCs, ICs, Investment Funds Founded as Public Limited Company, OFIs (Fund Management Companies, Leasing Companies, etc.) and non-profit institutions serving households		String containing exactly 8 digits: Pattern: \d{8}
	EIOPA_ENTTY_CD			European Insurance and Occupational Pensions Authority ID (EIOPA) entity identifier		String containing up to 50 characters: Printable characters in UTF-8
	ES_NIF_CD		Yes	Fiscal Identification Number		String containing exactly 9 characters: Pattern: [A-Z0-9]{9}

	FI_ALV_CD		Yes	The VAT number indicates that a business is VAT liable and is essential for the functioning and controlling of the intra-Community trade. VAT liable businesses that are engaged in intra-Community trade form their VAT number themselves.		String containing exactly 10 characters: Pattern: (FI)\d{8}
	FI_NOTAP_CD		Yes	The counterparty does not have any national identifier	Nicht zutreffend	"NOT_APPL"
	FI_SIRA_CD		Yes	Identifier to identify the investment fund in the authority reporting (NCB / NCA). Normally given by the NCA – in some cases by the NCB		String containing exactly 12 characters: Pattern: \d{8}(#)\d{3}
	FI_Y_CD		Yes	The Business ID (Business Identity Code) is a code given to businesses and organisations by the PRH (Finnish Patent and Registration Office) or the Tax Administration. Used also as an		String containing exactly 9 characters: Pattern: \d{7}-\d{1}

				identifier in the business register		
	FR_CIB		Yes	Unique code assigned to financial institutions allowed to perform banking activities in FR and Monaco		String containing exactly 5 digits: Pattern: \d{5}
	FR_IF_CD		Yes	Investment fund identifier		String containing exactly 12 characters: Pattern: (FR)\[A-Z0-9]{10}
	FR_RNA_CD		Yes	Association register number		String containing exactly 10 characters: Pattern: [A-Z]\d{9}
	FR_SIREN_CD		Yes	Identification number assigned by INSEE to every company with activity on French territory. It can be checked with an algorithm. The SIREN number is also part of the VAT which is composed of: FR (for France) + 99 (a validation key, calculated with an algorithm) + 9-digit SIREN code		String containing exactly 9 digits: Pattern: \d{9}
	FVC_CD			FVC code	Bundesbank-FVC-Code	String containing up to 255 characters: Printable characters in UTF-8
	GB_CRN_CD		Yes	Business register number		String containing exactly 8 characters: Pattern: (\d{8})|(([A-EG-Z][A-Z]|F[A-BD-Z])\d{6})|([R]\d{7})|(IP\d{5}R)
	GB_FSR_CD		Yes	National Supervisory Authority code		String containing exactly 6 digits: Pattern: \d{6}

	GB_UTR_CD		Yes	Tax code		String containing exactly 10 characters: Pattern: \d{10}|\d{9}(K)
	GB_VAT_CD		Yes	VAT number		String containing exactly 7, 11 or 14 characters: Pattern: (GB)\d{9}|(GB)\d{12}|(GBGD)\d{3}|(GBHA)\d{3}
	GEN_IPF_CD		Yes	Entity identifier assigned to investment funds or pension funds		String containing up to 50 characters: Printable characters in UTF-8
	GEN_NBR_ENTTY_CD		Yes	National business register identifier of an entity		String containing up to 50 characters: Printable characters in UTF-8
	GEN_NCB_ENTTY_CD		Yes	Entity identifier assigned by the resident National Central Bank (NCB)		String containing up to 50 characters: Printable characters in UTF-8
	GEN_NOTAP_CD		Yes	The counterparty outside the EU does not have any national identifier	Nicht zutreffend	"NOT_APPL"
	GEN_NSA_ENTTY_CD		Yes	Entity identifier assigned by the national supervisory authority		String containing up to 50 characters: Printable characters in UTF-8
	GEN_NSI_ENTTY_CD		Yes	Entity identifier assigned by the national statistical institute (NSI)		String containing up to 50 characters: Printable characters in UTF-8
	GEN_OTHER_CD		Yes	Any entity code (not in the above list) uniquely assigned to the counterparty in its country of residence. In this case, please provide a short	Sonstige Kennung (Freitext)	String containing up to 511 characters: Printable characters in UTF-8 Format: NameIdentifier1;Identifier1;NameIdentifier2;Identifier2;…;NameIdentifierN;IdentifierN

				description of said identifier (free text field)		
	GEN_PS_CD		Yes	Entity identifier assigned to entities/units belonging to the General Government sector		String containing up to 50 characters: Printable characters in UTF-8
	GEN_TAX_CD		Yes	Tax code of an entity		String containing up to 50 characters: Printable characters in UTF-8
	GEN_TRD_RGSTR_ENTTY_CD		Yes	National trade register identifier of an entity		String containing up to 50 characters: Printable characters in UTF-8
	GEN_VAT_CD		Yes	Value added tax identifier		String containing up to 50 characters: Printable characters in UTF-8
	GG_RN_CD		Yes	Business number		String containing up to 6 digits: Pattern: \d{1,6}
	GR_AFM_CD		Yes	Tax registration number		String containing exactly 9 digits: Pattern: \d{9}
	GR_IMO_CD		Yes	International Maritime Organisation number		String containing exactly 7 digits: Pattern: \d{7}
	HK_CR_CD		Yes	Corporate registry number		String containing 7 or 9 characters: Pattern: ([A-Z]{2}\d{7})|([A-Z]{1}\d{7})|(\d{7})
	HR_MB_CD		Yes	Business register number		String containing exactly 8 digits: Pattern: \d{8} (if fewer than eight digits, fill with leading zeros)
	HR_MBS_CD		Yes	Trade register number		String containing exactly 9 digits: Pattern: [0|1]\d{8}
	HR_OIB_CD		Yes	Tax number		String containing exactly 11 digits: Pattern: \d{11} (if fewer than eleven digits, fill with leading zeros)

	HU_CEG_CD		Yes	Trade register number		String containing exactly 12 characters: Pattern: \d{2}(-)\d{2}(-)\d{6}
	HU_FB_CD		Yes	FB code – Special identification code of investment funds, which are issued by the central securities depository (KELER Central Depository Ltd.)		String containing exactly 8 characters: Pattern: (FB)\d{6}|(FB)\d{3}[A-Z]\d{2}
	HU_KOZ_CD		Yes	VAT identification number structure		String containing exactly 10 characters: Pattern: (HU)\d{8}
	HU_TOR_CD		Yes	National identification number – All enterprises and other legal units are required to register at the Tax Authority, who issues the individual tax number. The tax number consists of 3 parts, the first 8-digit part is used for the unique identification of companies.		String containing exactly 8 digits: Pattern: \d{8}
	ID_NPWP_CD		Yes	Tax identification number		String containing exactly 20 characters: Pattern: \d{2}\.\d{3}\.\d{3}\.\d{1}-\d{3}\.\d{3}
	IE_CRO_CD		Yes	Company registration number		String containing up to 7 digits: Pattern: [1-9]\d{1,6}

	IE_GOV_CD		Yes	Government bodies identifier		String containing exactly 5 or 6 characters: (GV)\d{4}|(LA)\d{3}
	IE_NOTAP_CD		Yes	The counterparty does not have any national identifier	Nicht zutreffend	"NOT_APPL"
	IE_VAT_CD		Yes	VAT number		String containing up to 11 characters: Pattern: (IE)[A-Z0-9]{1,9}
	IL_TAX_CD		Yes	Tax identification number		String containing exactly 9 digits: Pattern: \d{9}
	IM_RN_CD		Yes	Registration number		String containing exactly 7 characters: Pattern: \d{6}[A-Z]
	IM_TAX_CD		Yes	Tax identification number		String containing exactly 10 characters: Pattern: [HCX]\d{6}-\d{2}
	IN_CIN_CD		Yes	Business register number		String containing exactly 21 characters: Pattern: [A-Z0-9]{21}
	IN_PAN_CD		Yes	Tax code		String containing exactly 10 characters: Pattern: [A-Z0-9]{10}
	IFS_CD			Bundesbank Management Company Code	Bundesbank-Instituts-ID	String containing up to 255 characters: Printable characters in UTF-8
	IT_ABI_CD			Italian financial supervisory authority code: Associazione Bancaria Italiana (ABI)		String containing up to 50 characters: Printable characters in UTF-8
	IT_CCIAA_CD		Yes	Trade register number		String containing exactly 9 characters: Pattern: [A-Z]{2}\d{7} (if fewer than seven digits, fill with leading zeros)
	IT_CF_CD		Yes	Tax code number		String containing exactly 11 digits: Pattern: \d{11}
	IT_UCITS_CD		Yes	UCITS code		String containing up to 7 digits: Pattern: \d{1,7}

	JE_TAX_CD		Yes	Tax identification number		String containing exactly 7 characters: Pattern: [A-Z][A-Z]\d{5}
	JP_CN_CD		Yes	Business register number		String containing exactly 13 digits: Pattern: [1-9]\d{12}
	KR_TIN_CD		Yes	Business registration number		String containing exactly 12 characters: Pattern: \d{3}-\d{2}-\d{5}
	LEID			Legal entity identifier number assigned within the EuroGroups Register (EGR)		String containing up to 50 characters: Printable characters in UTF-8
	LI_FL_CD		Yes	Registration number		String containing exactly 17 characters: Pattern: (FL)-\d{4}\.\d{3}\.\d{3}-\d{1}
	LT_INV_CD		Yes	Unique identifier assigned by the central bank to supervised investment and pension funds		String containing 4 to 9 characters: Pattern: [A-Z]\d{3}|(SF)\d{3}|[A-Z]{3}-\d{2}\/\d{2}|[A-Z]{3}-[A-Z]{4}
	LT_JAR_CD		Yes	Unique national business register identifier assigned to all legal entities registered in Lithuania		String containing exactly 9 digits: Pattern: \d{9}
	LU_IF_CD		Yes	Investment funds and subfunds number		String containing exactly 13 characters: Pattern: [A-Z]\d{6}[C]\d{5}
	LU_NOTAP_CD		Yes	The counterparty does not have any national identifier	Nicht zutreffend	"NOT_APPL"
	LU_RCS_CD		Yes	Trade and Companies Register number		String with variable length: Pattern: [B-Z]\d+
	LU_VAT_CD		Yes	VAT number		String containing exactly 8 digits: Pattern: \d{8}
	LV_FON_CD		Yes	List of Investment Funds of the Republic of Latvia		String containing exactly 9, 10 or 13 characters:

						Pattern: (LV)\d{11}|(LVAF)\d{3}(A|B|\d{1})\d{2}|(LVB)\d{6}|(LVIF)\d{3}(A|B|C|D|E|F|\d{1})\d{2}|(LVVF)\d{6}
	LV_NBR_CD		Yes	A unique registration number is assigned by the Enterprise Register of the Republic of Latvia		String containing exactly 11 digits: Pattern: \d{11}
	LV_VAT_CD		Yes	VAT/Tax number		String containing exactly 13 characters: Pattern: (LV)\d{11}
	MC_CIB		Yes	National Supervisory Authority code		String containing exactly 5 digits: Pattern: \d{5}
	MC_NIS_CD		Yes	Business register number		String containing up to 10 characters: Pattern: \d{2,4}[A-Z]\d{5}
	MC_RCI_CD		Yes	Trade register Number		String containing up to 10 characters: Pattern: \d{2}[A-Z]{1,3}\d{5}
	MH_NBR_CD		Yes	Number provided by International Registries Inc. on behalf of Marshall Islands Maritime and Corporate Registries to all corporates resident in Marshall Islands		String containing up to 6 digits: Pattern: \d{1,6}
	MT_CNUM_CD		Yes	Malta Business Registry company registration number		String containing up to 50 characters: Printable characters in UTF-8
	MT_OLE_CD		Yes	Other Legal Entities code		String containing up to 50 characters: Printable characters in UTF-8

	MT_VAT_CD		Yes	VAT registration number		String containing exactly 8 digits: Pattern: \d{8}
	MX_RFC_CD		Yes	Tax code		String containing exactly 14 characters: Pattern: [A-Z]{3}-\d{6}-[A-Z0-9]{3}
	MY_CRN_CD		Yes	Registration number		String containing up to 50 characters: Printable characters in UTF-8
	NC_NBR_CD		Yes	Business register number		String containing exactly 7 digits: Pattern: \d{7}
	NL_KVK_CD		Yes	A unique identification number issued by the Chamber of Commerce for every business activity or social activity. One Chamber of Commerce number is connected to one Legal person and partnership number		String containing exactly 8 digits: Pattern: \d{8} (if fewer than eight digits, fill with leading zeros)
	NL_RSIN_CD		Yes	Legal person and partnership number – A unique identification number issued by the Chamber of Commerce for every non-natural person, being a legal person or a partnership.		String containing exactly 9 digits: Pattern: \d{9} (if fewer than nine digits, fill with leading zeros)

				One Legal person and partnership number has only one Chamber of Commerce number		
	NO_NBR_CD		Yes	National business register identifier of an entity		String containing exactly 9 digits: Pattern: \d{9}
	PA_RUC_CD		Yes	Tax identification number		String containing up to 50 characters: Printable characters in UTF-8
	PE_RUC_CD		Yes	Tax identification number		String containing exactly 11 digits: Pattern: \d{11}
	PL_KRS_CD		Yes	Unique national business register identifier assigned to all legal entities registered in Poland		String with variable length: Pattern: \d+
	PL_NIP_CD		Yes	Tax identification number		String containing exactly 10 characters: Pattern: \d{10}
	PL_REGON_CD		Yes	Unique national register of entities which can conduct business, but not necessarily have the form of legal entities		String containing exactly 9 or 14 digits: Pattern: \d{14}|\d{9}
	PL_VAT_CD		Yes	National tax identification number preceded by prefix PL		String containing exactly 12 characters: Pattern: (PL)\d{10}
	PT_ASF_CD		Yes	Supervisory Authority code for insurance companies and pension funds		String containing up to 4 digits: Pattern: \d{1,4}
	PT_FSA_CD		Yes	Financial supervisory authority code		String containing up to 6 digits: Pattern: \d{1,6}

	PT_IF_CD		Yes	Supervisory Authority code for investment funds		String containing up to 8 characters: Pattern: \d{1,8}
	PT_NIF_CD		Yes	VAT/Tax identification number		String containing exactly 9 digits: Pattern: \d{9}
	RO_CUI_CD		Yes	Unique registration fiscal code		String containing up to 12 characters: Pattern: (RO)\d{1,10}
	RO_TAX_CD		Yes	Value added tax identifier		String containing up to 12 characters: Pattern: (RO)\d{1,10}
	RO_TRN_CD		Yes	Trade register number		String containing up to 18 characters: Pattern: (J|F|C)\d{2}/\d{1,9}/\d{4}
	RS_MB_CD		Yes	Registration number		String containing exactly 8 digits: Pattern: \d{8}
	RS_PIB_CD		Yes	Tax identification number		String containing exactly 9 digits: Pattern: [1-9]\d{8}
	RU_INN_CD		Yes	Tax code		String containing exactly 10 digits: Pattern: \d{10}
	RU_OGRN_CD		Yes	Business register code		String containing exactly 13 digits: Pattern: \d{13}
	SE_FIN_CD		Yes	ID code that is assigned to all entities supervised by the Financial Supervisory Authority		String containing exactly 5 digits: Pattern: \d{5}
	SE_MOM_CD		Yes	Value Added Tax identification number		String containing exactly 14 characters: Pattern: (SE)\d{12}
	SE_NOTAP_CD		Yes	The counterparty does not have any national identifier	Nicht zutreffend	“NOT_APPL”

	SE_ORG_CD		Yes	Business register number that is assigned to the entity by the authorities responsible for the registration of entities		String containing exactly 10 or 11 characters: Pattern: \d{2}[2-9]\d{3}-?\d{4}
	SG_ROB_CD		Yes	Tax identification number		String containing 9 to 16 characters: Pattern: (\d{8,9}[A-Z])|([A-Z]\d{2}[A-Z]{2}\d{4}[A-Z](-SF\d{3})?)
	SI_DAV_CD		Yes	Tax code		String containing exactly 8 digits: Pattern: \d{8}
	SI_DDV_CD		Yes	Value added tax identifier		String containing exactly 10 characters: Pattern: (SI)\d{8}
	SI_MAT_CD		Yes	National business register identifier		String containing exactly 10 digits: Pattern: \d{10}
	SK_IBD_CD		Yes	Identification number of apartment building	Slowakische Identifikationsnummer des Wohngebäudes	String containing exactly 15 characters: Pattern: \d{8}[A-Z]\d{6}
	SK_ICO_CD		Yes	Business register number		String containing exactly 8 or 9 characters: Pattern: \d{8}[a-z]{0,1}
	SK_IF_CD		Yes	Investment Funds Code		String containing exactly 15 characters: Pattern: (SK)\d{8}[A-Z&]{3}\d{2}
	SM_COE_CD		Yes	Tax identification number		String containing 5 or 7 characters: Pattern: (SM)?\d{1,5}
	TH_NBR_CD		Yes	Business register number		String containing exactly 13 digits: Pattern: \d{13}
	TR_VKN_CD		Yes	Tax code		String containing up to 50 characters: Printable characters in UTF-8
	TW_TAX_CD		Yes	Tax identification number		String containing exactly 8 digits: Pattern: \d{8}
	US_CIK_CD		Yes	Central Index Key		String containing exactly 10 digits: Pattern: \d{10}

	US_DSFN_CD		Yes	Delaware State File Number		String containing 5 to 7 digits: Pattern: \d{5,7}
	US_EIN_CD		Yes	Tax code		String containing exactly 10 characters: Pattern: \d{2}-\d{7}
	UY_RUT_CD		Yes	Tax identification number		String containing exactly 12 digits: Pattern: \d{12}
BBK_ANCRDT_ENTTY_RSK_C	CP_ID	Yes		Counterparty identifier	Vertragspartnerkennung	String containing up to 60 characters: Printable characters in UTF-8
	TYP_CP_ID	Yes		Counterparty identifier type	Typ der Vertragspartnerkennung	Code list CL_BBK_TYP_CP_ID
	PD			Probability of default	Ausfallwahrscheinlichkeit	Numbers from 0 to 1 with 6 decimal places. For example, a 5% probability of default is to be reported as 0.050000.
BBK_ANCRDT_FNNCL_C	CNTRCT_ID	Yes		Contract identifier	Vertragskennung	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
	INSTRMNT_ID	Yes		Instrument identifier	Instrumentenkennung	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
	ANNLSD_AGRD_RT			Interest rate	Zinssatz	Numbers (positive or negative) with 6 decimal places or “NOT_APPL”. For example, an interest rate of 2.53% is to be reported as 0.025300.
	DT_NXT_INTRST_RT_RST			Next interest rate reset date	Nächster Zinsanpassungstermin	Date in the format YYYY-MM-DD or “NOT_APPL”
	DFLT_STTS			Default status of the instrument	Ausfallstatus des Instruments	Code list or “NOT_APPL” CL_BBK_CRDT_QLTY_DFLT_STTS_ANCRDT_CLLCTN_NA
	DT_DFLT_STTS			Date of the default status of the instrument	Datum des Ausfallstatus des Instruments	Date in the format YYYY-MM-DD or “NOT_APPL”
	TRNSFRRD_AMNT			Transferred amount	Übertragener Betrag	Non-negative amounts of money to 2 decimal places

	ARRRS			Arrears for the instrument	Rückstände für das Instrument	Non-negative amounts of money to 2 decimal places
	DT_PST_D			Date of past due for the instrument	Datum der Rückstände für das Instrument	Date in the format YYYY-MM-DD or “NOT_APPL”
	TYP_SCRTSTN			Type of securitisation	Verbriefungsart	Code list CL_ECBSDD_TYPE_TRNSFR_ANCRDT_CLLCTN
	OTSTNDNG_NMNL_AMNT			Outstanding nominal amount	Ausstehender Nominalwert	Non-negative amounts of money to 2 decimal places
	ACCRD_INTRST			Accrued interest	Aufgelaufene Zinsen	Positive and negative amounts of money to 2 decimal places or “NOT_APPL”
	OFF_BLNC_SHT_AMNT			Off-balance-sheet amount	Außerbilanzieller Wert	Non-negative amounts of money to 2 decimal places or “NOT_APPL”
BBK_ANCRDT_INSTRMNT_C	CNTRCT_ID	Yes		Contract identifier	Vertragskennung	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
	INSTRMNT_ID	Yes		Instrument identifier	Instrumentenkennung	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
	TYP_INSTRMNT			Type of instrument	Art des Instruments	Code list CL_ECBSDD_TYP_INSTRMNT_ANCRDT_CLLCTN
	TYP_AMRTSTN			Amortisation type	Tilgungsart	Code list CL_ECBSDD_TYP_AMRTSTN_ANCRDT_CLLCTN
	CRRNCY_DNMNTN			Currency	Währung	Code list CL_BBK_ISO4217
	FDCRY			Fiduciary instrument	Auf Treuhandbasis gehaltenes Instrument	Code list CL_ECBSDD_FDCRY_ANCRDT_CLLCTN
	DT_INCPTN			Inception date	Datum des Vertragsabschlusses	Date in the format YYYY-MM-DD
	DT_END_INTRST_ONLY			End date of interest-only period	Enddatum des Zeitraums	Date in the format YYYY-MM-DD or “NOT_APPL”

					ausschließlicher Zinszahlung	
	INTRST_RT_CP			Interest rate cap	Zinsobergrenze	Numbers (positive or negative) with 6 decimal places or “NOT_APPL”. For example, an interest rate cap of 3% is to be reported as 0.030000.
	INTRST_RT_FLR			Interest rate floor	Zinsuntergrenze	Numbers (positive or negative) with 6 decimal places or “NOT_APPL”. For example, an interest rate floor of 1% is to be reported as 0.010000.
	INTRST_RT_RST_FRQNCY			Interest rate reset frequency	Häufigkeit der Zinsanpassung	Code list or “NOT_APPL” CL_BBK_FRQNCY_INTRST_RT_RST_ANCRDT_CLLCTN_NA
	INTRST_RT_SPRD			Interest rate spread/margin	Zinsspanne/Marge	Numbers (positive or negative) with 6 decimal places or “NOT_APPL”. For example, an interest rate spread/margin of 150 basis points is reported as 0.015000.
	TYP_INTRST_RT			Interest rate type	Zinsart	Code list or “NOT_APPL” CL_BBK_TYP_INTRST_RT_NA
	DT_LGL_FNL_MTRTY			Legal final maturity date	Rechtlich endgültiges Fälligkeitsdatum	Date in the format YYYY-MM-DD or “NOT_APPL”
	CMMTMNT_INCPTN			Commitment amount at inception	Anfangsbetrag des Engagements	Non-negative amounts of money to 2 decimal places or “NOT_APPL”
	PYMNT_FRQNCY			Payment frequency	Zahlungshäufigkeit	Code list CL_ECBSDD_FRQNCY_PYMNT_ANCRDT_CLLCTN
	PRJCT_FNNC_LN			Project finance loan	Projektfinanzierungskredit	Code list CL_ECBSDD_PRJCT_FNNC_LN_ANCRDT_CLLCTN
	PRPS			Purpose	Zweck	Code list CL_ECBSDD_PRPS_ANCRDT_CLLCTN

	RCRS			Recourse	Rückgriff	Code list CL_ECBSDD_RCRSE_ANCRDT_CLLCTN
	RFRNC_RT			Reference rate	Referenzsatz	Code list or “NOT_APPL” CL_BBK_RFRNC_RT_ANCRDT_CLLCTN_NA
	DT_STTLMNT			Settlement date	Abwicklungstermin	Date in the format YYYY-MM-DD or “NOT_APPL”
	SBRDNTD_DBT			Subordinated debt	Nachrangige Forderungen	Code list CL_ECBSDD_SBRDNTD_DBT_ANCRDT_CLLCTN
	SYNDCTD_CNTRCT_ID			Syndicated contract identifier	Konsortialvertragskennung	String containing up to 60 characters Pattern: [!-~]|([!-~][-~]*[!-~]) or “NOT_APPL”
	RPYMNT_RGHTS			Repayment rights	Rückzahlungsansprüche	Code list CL_ECBSDD_RPYMNT_RGHTS_ANCRDT_CLLCTN
	FV_CHNG_CR_BFR_PRCHS			Fair value changes due to changes in credit risk before purchase	Änderungen des beizulegenden Zeitwerts aufgrund von Ausfallrisiken vor dem Kauf	Non-negative amounts of money to 2 decimal places or “NOT_APPL”
BBK_ANCRDT_INSTRMNT_PRTCTN_RCVD_C	CNTRCT_ID	Yes		Contract identifier	Vertragskennung	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
	INSTRMNT_ID	Yes		Instrument identifier	Instrumentenkennung	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
	PRTCTN_ID	Yes		Protection identifier	Kennung der Sicherheit	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
	PRTCTN_ALLCTD_VL			Protection allocated value	Berücksichtigungsfähiger	Non-negative amounts of money to 2 decimal places

					Sicherheitenbetrag	
	THRD_PRTY_PRRTY_CLMS			Third party priority claims against the protection	Vorrangige Ansprüche Dritter auf die Sicherheit	Non-negative amounts of money to 2 decimal places
BBK_ANCRDT_JNT_LBLTS_C	CP_ID	Yes		Counterparty identifier	Vertragspartnerkennung	String containing up to 60 characters: Printable characters in UTF-8
	TYP_CP_ID	Yes		Counterparty identifier type	Typ der Vertragspartnerkennung	Code list CL_BBK_TYP_CP_ID
	CNTRCT_ID	Yes		Contract identifier	Vertragskennung	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
	INSTRMNT_ID	Yes		Instrument identifier	Instrumentenkennung	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
	JNT_LBLTY_AMNT			Joint liability amount	Betrag der Verbindlichkeiten mit mitschuldnerischer Haftung	Non-negative amounts of money to 2 decimal places
BBK_ANCRDT_PRTCTN_RCVD_C	PRTCTN_ID	Yes		Protection identifier	Kennung der Sicherheit	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
	TYP_PRTCTN			Type of protection	Art der Sicherheit	Code list CL_ECBSDD_TYP_PRTCTN_ANCRDT_CLLCTN
	PRTCTN_VL			Protection value	Wert der Sicherheit	Non-negative amounts of money to 2 decimal places
	TYP_PRTCTN_VL			Type of protection value	Art des Wertes der Sicherheit	Code list CL_ECBSDD_TYP_PRTCTN_VL_ANCRDT_CLLCTN
	PRTCTN_VLTN_APPRCH			Protection valuation approach	Ansatz der Sicherheitenbewertung	Code list CL_ECBSDD_PRTCTN_VLTN_APPRCH_ANCRDT_CLLCTN
	RL_ESTT_CLLTRL_LCTN			Real estate collateral location	Belegenheitsort der	Code list or “NOT_APPL” CL_BBK_ISO3166_NUTS_DSJNT_NA

					Immobiliensicherheit	
	DT_PRTCTN_VL			Date of protection value	Datum des Wertes der Sicherheit	Date in the format YYYY-MM-DD
	DT_MTRTY_PRTCTN			Maturity date of the protection	Fälligkeitstag der Sicherheit	Date in the format YYYY-MM-DD or “NOT_APPL”
	ORGNL_PRTCTN_VL			Original protection value	Ursprünglicher Wert der Sicherheit	Non-negative amounts of money to 2 decimal places
	DT_ORGNL_PRTCTN_VL			Date of original protection value	Datum der ursprünglichen Wertes der Sicherheit	Date in the format YYYY-MM-DD
BBK_ANCRDT_PRTCTN_PRVDR_C	PRTCTN_PRVDR_CD_TYP	Yes		Protection provider identifier type	Typ der Kennung des Sicherungsgebers	Code list CL_BBK_TYP_CP_ID_PRTC
	PRTCTN_PRVDR_CD	Yes		Protection provider identifier	Kennung des Sicherungsgebers	String containing up to 60 characters: Printable characters in UTF-8 or “NOT_APPL”
	PRTCTN_ID	Yes		Protection identifier	Kennung der Sicherheit	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
BBK_ANCRDT_HDR_C	RPRTNG_AGNT_CD	Yes		Reporting agent	Berichtspflichtiger	String containing 8 characters: only numbers are permitted
	OBSRVD_AGNT_CD	Yes		Observed agent	Beobachtete Einheit	String containing 8 characters: only numbers are permitted
	DT_RFRNC	Yes		Reporting reference date	Meldeperiode	Date in the format YYYYMM
	APPLCTN	Yes		Application	Anwendung	Code list CL_BBK_APPLCTN_ID
	SRVY_ID	Yes		Type of reporting	Meldungsart	Code list CL_BBK_SRVY_ID
	PRT_MSSG	Yes		Part message	Teilmeldungsinformation	String containing 3 characters: only numbers are permitted

	IS_LST_PRT_MSSG	Yes		Last part message	Letzte Teilmeldungsinformation	Boolean
	SBMSSN_TYP	Yes		Submission type	Einreichungsart	Code list CL_BBK_SBMSSN_TYP
BBK_RIAD_HDR_C	RPRTNG_AGNT_CD	Yes		Reporting agent	Berichtspflichtiger	String containing 8 characters: only numbers are permitted
	DT_RFRNC	Yes		Reporting reference date	Meldeperiode	Date in the format YYYYMM
	APPLCTN	Yes		Application	Anwendung	Code list CL_BBK_APPLCTN_ID
	SRVY_ID	Yes		Type of reporting	Meldungsart	Code list CL_BBK_SRVY_ID
	PRT_MSSG			Part message	Teilmeldungsinformation	String containing 3 characters: only numbers are permitted
	IS_LST_PRT_MSSG			Last part message	Letzte Teilmeldungsinformation	Boolean
BBK_ANCRDT_ENTTY_PRTCTD_C	TYP_CP_ID	Yes		Counterparty identifier type	Typ der Vertragspartnerkennung	Code list CL_BBK_TYP_CP_ID
	CP_ID	Yes		Counterparty identifier	Vertragspartnerkennung, die zu einer natürlichen Person übertragen wurde	String containing up to 60 characters: Printable characters in UTF-8
BBK_ANCRDT_CNFRMTN_HDR_C	RPRTNG_AGNT_CD	Yes		Reporting agent	Berichtspflichtiger	String containing 8 characters: only numbers are permitted
	OBSRVD_AGNT_CD			Observed agent	Beobachtete Einheit	String containing 8 characters: only numbers are permitted
	DT_RFRNC	Yes		Reporting reference date	Meldeperiode	Date in the format YYYYMM

	APPLCTN	Yes		Application	Anwendung	Code list CL_BBK_APPLCTN_ID
	SRVY_ID	Yes		Type of reporting	Meldungsart	Code list CL_BBK_SRVY_ID
BBK_ANCRDT_CNFRMTN_C	VLDTN_ID	Yes		Validation identifier	Validierungscode	String containing a maximum of 255 characters
	DQI_ID			Data quality indicator identifier	Identifikator für Datenqualitätsindikatoren (DQI)	String containing a maximum of 255 characters
	CP_ID			Counterparty identifier	Vertragspartnerkennung	String containing up to 60 characters: Printable characters in UTF-8
	TYP_CP_ID			Counterparty identifier type	Typ der Vertragspartnerkennung	Code list CL_BBK_TYP_CP_ID_PRTC
	CNTRCT_ID			Contract identifier	Vertragskennung	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
	INSTRMNT_ID			Instrument identifier	Instrumentenkennung	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
	PRTCTN_ID			Protection identifier	Kennung der Sicherheit	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
	ENTTY_RL			Counterparty role	Rolle des Vertragspartners	Code list CL_ECBSDD_ENTTY_RL_ANCRDT_CLLCTN
	VLD_FRM[5]			Valid from	Gültig ab	Date in the format YYYYMM
	ATTRBT_VL			Attribute value	Attributswert	String[6] containing a maximum of 255 characters
	CNFRMTN_TYP			Type of confirmation	Bestätigungstyp	Code list CL_BBK_CNFRMTN_TYP
	CNFRMTN_CMMNT			Comment related to the confirmation	Kommentar zu der Bestätigung	String containing up to 255 characters: Printable characters in UTF-8

Table 7: List of attributes to be reported with their exact data type specifications

[5] Do not report this attribute for credit data records in AnaCredit.

[6] String representation of the data type of the attribute value to be confirmed

Any observations containing attributes whose values are not included in the relevant subdomains will be rejected.
The code lists can be found in the document [CD-LIST].

Spaces permitted by the data type specifications in the data types of identifiers (CNTRCT_ID, INSTRMNT_ID, PRTCTN_ID, CP_ID, PRTCTN_PRVDR_CD, SYNDCTD_CNTRCT_ID, HD_OFFC_UNDRTKNG_ID, IMMDT_PRNT_UNDRTKNG_ID, ULTMT_PRNT_UNDRTKNG_ID) are removed during processing in the RIAD-BBk and AnaCredit-BBk systems.

4 Reply messages

There are three different types of reply messages. The first type of reply message contains the validation results for the submitted report files. These can be either technical or content-related validation results. The second type of reply message points out missing reports (templates) for a reporting period. The third type provides information on data quality indicators (DQI) of the submitted data.
There is an XML template file for each type of reply message (see Table 8), in which different datasets are defined and that describe various return reply message structures (see Table 12) alongside the header for the type of reply message (see 4.1.4 and 4.1.5).

4.1 Reply message file

4.1.1 XML template files

1. XML template files for reply messages (depending on the type of feedback)

The table below lists the template files for the two types of reply message.

Reply information template file	Content
BBK_ANCRDT_ACK_V2.6-SDMX.xsd	Validation results reply message
BBK_ANCRDT_RMNDR_V2.6-SDMX.xsd	Reminder
BBK_ANCRDT_DQI_V2.6-SDMX.xsd	Reply on data quality indicators

Table 8: Template files for reply information

2. Code list files for the codes to be used in the forms:

See 3.2.1-2.

3. Data type files:

See 3.2.1-3.

4. XML template files that incorporate the superordinate SDMX 2.1 standard:

See 3.2.1-4.

4.1.2 File structure

A reply message file is structured as follows.

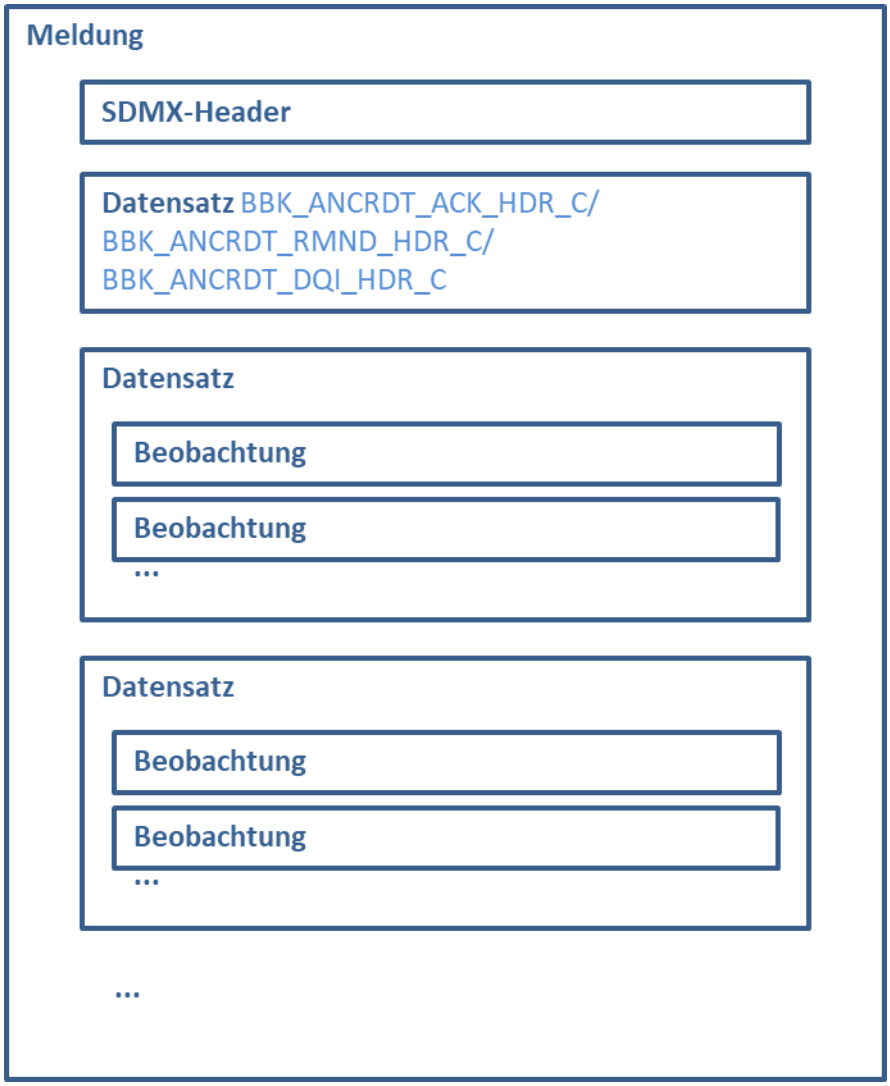

Figure 9: File structure of a reply message

4.1.3 SDMX header

Name of SDMX header element	Definition
ID	An internal Bundesbank reference number for the reply message is saved in this field. Reporting agents can refer to this field in any enquiries to the Bundesbank.
Test	For a reply message from the Bundesbank production environment, this field is set to “false”; for a return report from the test environment, it is set to “true”.
Prepared	The preparation date and time of the reply message is entered in this field.
Sender/ID	The Bundesbank’s German bank identifier code is entered here.
Receiver	Ignore
Name	Ignore
Structure	The required SDMX datasets are specified in this **multi-use** element.

Figure 10: How the mandatory fields in the header of an XML file are populated

4.1.4 BBK_ANCRDT_ACK_HDR_C header of the validation result reply message

Attribute name	Eligible value
APPLCTN	Application from which the reply message originates (RIAD (RIAD-BBk) or AC (AnaCredit-BBk))
SRVY_ID	• ACKNLDGMNT
SBMTTR_CD	Submitter identifier (as registered in the Bundesbank’s ExtraNet)
MSSG_NM	File name of the submitted file to which the reply message refers
DT_TM_SBMTTR	Submission date and time of the submitted file to which the reply message refers
RPRTNG_AGNT_CD	German bank identifier code of the reporting agent
OBSRVD_AGNT_CD	German bank identifier code of the observed agent
DT_RFRNC	Reporting period of the report for which the reply message is prepared, in the following format: • YYYYMM (e.g. 201803 for March 2018)

Table 9: Eligible values for the attributes in the header BBK_ANCRDT_ACK_HDR_C with general information about the file

4.1.5 BBK_ANCRDT_RMND_HDR_C header of the reminder

Attribute name	Eligible value
APPLCTN	Application from which the reminder originates (RIAD (RIAD-BBk) or AC (AnaCredit-BBk))
SRVY_ID	• RMNDR
RPRTNG_AGNT_CD	German bank identifier code of the reporting agent
OBSRVD_AGNT_CD	German bank identifier code of the observed agent
DT_RFRNC	Reporting period to which the reminder refers, in the following format: • YYYYMM (e.g. 201803 for March 2018)

Table 10: Eligible values for the attributes in the header BBK_ANCRDT_RMND_HDR_C with general information about the file

4.1.6 BBK_ANCRDT_DQI_DLR_C header for feedback of data quality indicators (DQI)

Attribute name	Eligible value
APPLCTN	Application from which the DQI reply message originates (RIAD (RIAD-BBk) or AC (AnaCredit-BBk))
SRVY_ID	• DQI
RPRTNG_AGNT_CD	German bank identifier code of the reporting agent
OBSRVD_AGNT_CD	German bank identifier code of the observed agent
DT_RFRNC	Reporting period to which the DQI reply message refers, in the following format: • YYYYMM (e.g. 201809 for September 2018)

Table 11: Eligible values for the attributes in the header BBK_ANCRDT_DQI_HDR_C with general information about the file

4.1.7 Dataset

A dataset element corresponds to a specific reply message structure. All SDMX datasets are listed by template file in Table 12. The data of the individual reply message structures are the sub-elements (observations, “Obs” elements) of the dataset element.

4.1.8 Observation

The general format of an observation is as follows:

< Obs FIELD1=“value1“ FIELD2=“value2“ … FIELDn=“valuen“ />

The specific fields for each dataset are described in the relevant reply message template (see [Ana-SDMX]).

4.1.9 Reply information datasets

Template file	Description	SDMX dataset
BBK_ANCRDT_ACK	Data on report files referenced Data on XML validation results Data on other validation results	BBK_ANCRDT_ACK_MSSG_ID_C BBK_ANCRDT_VLD_ACK_XML_C BBK_ANCRDT_VLD_ACK_C
BBK_ANCRDT_RMNDR	Reminder data	BBK_ANCRDT_RMNDR_C
BBK_ANCRDT_DQI	Data quality indicators (DQI) Validation results for DQI Additional information for DQI	BBK_ANCRDT_DQI_C BBK_ANCRDT_DQI_VLD_C BBK_ANCRDT_DQI_INFRMTN_C

Table 12: Mapping of SDMX dataset to the three reply message template files

4.2 Attributes for reply messages

DSD	Technical attribute name	Mandatory field	Description (English)	Description (German)	Data type specification
BBK_ANCRDT_ACK_MSSG_ID_C_ACK_XML_C	MSSG_ID	Yes	Message identifier	ID einer der bis zum Zeitpunkt der Erstellung der Rückmeldung von der Bundesbank verarbeiteten Dateien (siehe SDMX-Header unter 3.2.3)	String
	TMPLT	Yes	Template	Template	Code list CL_BBK_SRVY_ID
BBK_ANCRDT_VLD_ACK_XML_C	ERR_ID	Yes	Error identifier	Fehler ID	String
	XML_CLMN	Yes	XML column containing error	XML-Spalte des Fehlers	Integer
	XML_RW	Yes	XML row containing error	XML-Zeile des Fehlers	Integer
	ERR_SVRTY	Yes	Error severity	Fehlerschweregrad	String
	ERR_MSSG	Yes	Error message	Fehlermeldung	String
BBK_ANCRDT_VLD_A	VLDTN_ID	Yes	Validation identifier	Validierungscode	String containing a maximum of 255 characters

	RPRTD_VLDTN_ID		Reported validation identifier	Gemeldeter Validierungscode	String containing a maximum of 255 characters
	CP_ID		Counterparty identifier	Vertragspartnerkennung	String containing up to 60 characters: Printable characters in UTF-8
	TYP_CP_ID		Counterparty identifier type	Typ der Vertragspartnerkennung	Code list CL_BBK_TYP_CP_ID_PRTC
	CNTRCT_ID		Contract identifier	Vertragskennung	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
	INSTRMNT_ID		Instrument identifier	Instrumentenkennung	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
	PRTCTN_ID		Protection identifier	Kennung der Sicherheit	String containing up to 60 characters: Pattern: [!-~]|([!-~][-~]*[!-~])
	ENTTY_RL		Counterparty role	Rolle des Vertragspartners	Code list CL_ECBSDD_ENTTY_RL_ANCRDT_CLLCTN
	VLD_FRM		Valid from	Gültig ab	Date in the format YYYYMM
	DQI_ID		Data quality indicator identifier	Identifikator für Datenqualitätsindikatoren (DQI)	String containing a maximum of 255 characters
	VLD_T		Valid to	Gültig bis	Date in the format YYYYMM
BBK_ANCRDT_RMNDR_C	VLDTN_ID	Yes	Validation identifier	Validierungscode	String containing a maximum of 255 characters
	MSSNG_TMPLT	Yes	Missing template	Fehlendes Template	Code list CL_BBK_SRVY_ID
BBK_ANCRDT_DQI_C	DQI_ID	Yes	Data quality indicator identifier	Identifikator für Datenqualitätsindikatoren (DQI)	String containing a maximum of 255 characters
	DQI_VL	Yes	Data quality indicator value	DQI-Wert	Numbers from 0 to 1 with 6 decimal places

BBK_ANCRDT_DQI_VLD_C	DQI_ID	Yes	Data quality indicator identifier	Identifikator für Datenqualitätsindikatoren (DQI)	String containing a maximum of 255 characters
	VLDTN_ID	Yes	Validation identifier	Validierungs-/Auffälligkeitscode	String containing a maximum of 255 characters
	PRRTY		Priority	Priorität	Code list CL_BBK_PRRTY_NA
BBK_ANCRDT_DQI_INFRMTN_C	DQI_ID	Yes	Data quality indicator identifier	Identifikator für Datenqualitätsindikatoren (DQI)	String containing a maximum of 255 characters
	KPI_ID	Yes	Key performance indicator	Key-Performance-Indikator Identifikator	String containing a maximum of 255 characters
	KPI_VL	Yes	Key performance indicator value	Key-Performance-Indikator Wert	Numbers (positive or negative) with 6 decimal places
BBK_ANCRDT_ACK_HDR_C	APPLCTN	Yes	Application	Anwendung	Code list CL_BBK_APPLCTN_ID
	SRVY_ID	Yes	Type of reporting	Meldungsart	Code list CL_BBK_SRVY_ID
	SBMTTR_CD	Yes	Submitter identifier	Kennung des Einreichers	String
	MSSG_NM		Message name	Dateiname	String
	DT_TM_SBMTTR		Submission timestamp	Einreichungszeitpunkt	DateTime
	RPRTNG_AGNT_CD		Reporting agent	Berichtspflichtiger	String containing 8 characters: only numbers are permitted
	OBSRVD_AGNT_CD		Observed agent	Beobachtete Einheit	String containing 8 characters: only numbers are permitted

	DT_RFRNC		Reporting reference date	Meldeperiode	Date in the format YYYYMM
BBK_ANCRDT_RMND_HDR_C	APPLCTN	Yes	Application	Anwendung	Code list CL_BBK_APPLCTN_ID
	SRVY_ID	Yes	Type of reporting	Meldungsart	Code list CL_BBK_SRVY_ID
	RPRTNG_AGNT_CD	Yes	Reporting agent	Berichtspflichtiger	String containing 8 characters: only numbers are permitted
	OBSRVD_AGNT_CD		Observed agent	Beobachtete Einheit	String containing 8 characters: only numbers are permitted
	DT_RFRNC	Yes	Reporting reference date	Meldeperiode	Date in the format YYYYMM
"BBK_ANCRDT_DQI_HDR_C"	APPLCTN	Yes	Application	Anwendung	Code list CL_BBK_APPLCTN_ID
	SRVY_ID	Yes	Type of reporting	Meldungsart	Code list CL_BBK_SRVY_ID
	RPRTNG_AGNT_CD	Yes	Reporting agent	Berichtspflichtiger	String containing 8 characters: only numbers are permitted
	OBSRVD_AGNT_CD		Observed agent	Beobachtete Einheit	String containing 8 characters: only numbers are permitted
	DT_RFRNC	Yes	Reporting reference date	Meldeperiode	Date in the format YYYYMM

Table 13: List of attributes for reply messages

Spaces permitted by the data type specifications in the data types of identifiers are removed during processing in the RIAD-BBk and AnaCredit-BBk systems. The identifiers CNTRCT_ID, INSTRMNT_ID, PRTCTN_ID and CP_ID therefore do not contain spaces in the reply messages.

4.3 Validation results reply message

The validation results return report will be sent to both the submitter and the reporting agent. The submitter and reporting agent receive identical reply messages.

There are two different types of reply messages.

4.3.1 File-related reply message:

One file-related reply message will be sent per submitted file.

4.3.2 Reporting period-related reply message

In addition to file-related reply messages, the AnaCredit-BBk system will send reporting period-related reply messages per observed agent and reporting period. The reporting period-related reply messages cover all files submitted up to a certain date.

This distinction is not made in the reply messages regarding counterparty reference data.

4.4 Reply message for ECB validation results

In addition to the Bundesbank validation results reply messages for credit data, reply messages on certain ECB validation results for credit data will be sent if the validation errors identified by the ECB per reporting period and observed agent go beyond those identified by the Bundesbank. The validation codes match those in the “Manual on AnaCredit validation rules”; see [VLD_AC]. The format matches the type of reply message for validation results, i.e. the template file “BBK_ANCRDT_ACK”.

4.5 Reminder

A reminder provides notification of missing reports (templates) for a reporting period.

4.6 Reply message for data quality indicators

A reply message for data quality indicators provides information about the quality of the calculated data which have been transmitted.
Calculation rules can be found in the “Manual on AnaCredit data quality indicators” (see [DQI_AC]).

4.7 File name of a reply message file

In general, the file extension for XML files is **xml** and the file extension for ZIP archives is **zip**. A file name (including file extension) should not exceed 80 characters. If a reply message file name is longer than 80 characters due to a report file having a longer file name, the reply message file name is shortened from the right-hand side.

A separate prefix is used for each reporting template:

Reporting template	Application	Prefix
BBK_ANCRDT_ACK	RIAD-BBk	rdak
BBK_ANCRDT_ACK	AnaCredit-BBk	acak
BBK_ANCRDT_RMNDR	RIAD-BBk	rdrm
BBK_ANCRDT_RMNDR	AnaCredit-BBk	acrm
BBK_ANCRDT_DQI	AnaCredit-BBk	acdq

Table 14: Prefix for each reporting template/application

4.7.1 File name of a reply message for validation results regarding credit data:

There are two types of validation results reply messages: a file-related reply message and a reporting period-related reply message.

4.7.1.1 File name of a file-related reply message regarding credit data:

The general structure of the file name for a file-related reply message from the AnaCredit-BBk application is as follows:
acak_flv_{file name of report file}.xml.zip

Example:
Report file name: ac1m_50400000_201809_10001_3e.xml.zip
File name: acak_flv_ac1m_50400000_201809_10001_3e.xml.zip

4.7.1.2 File name of reporting period-related reply message regarding credit data:

The general structure of the file name for a reporting period-related reply message from the AnaCredit-BBk application is as follows:
acak_vld_{German bank identifier code}_{reporting period}_{date}.xml.zip,
where all files that were submitted up to and including {date} are included in the validation. The German bank identifier code of the observed agent should be given for {German bank identifier code}.

Example:
German bank identifier code of the observed agent: 50400000
Reporting period: September 2018
Latest submission date considered: 20 October 2018

File name: acak_vld_50400000_201809_20181020.xml.zip

In the case of revalidation, the file name is as follows:
acak_rvl_{German bank identifier code}_{reporting period}_{date}.xml.zip,
where all files that were submitted up to and including {date} were included in the revalidation.

4.7.2 File name of a reply message regarding counterparty reference data:

The general structure of the file name for a reply message from the RIAD-BBk application is as follows:
rdak_{file name of report file}.xml.zip

Example:
Report file name: rdac_50400000_201809_10001_3e.xml.zip
File name: rdak_rdac_50400000_201809_10001_3e.xml.zip

4.7.3 File name of a reply message for ECB validation results regarding credit data:

The general structure of the file name of a reply message for ECB validation results from the AnaCredit-BBk application is as follows:
acak_ecb_{German bank identifier code}_{reporting period}.xml.zip

Example:
German bank identifier code of the observed agent: 50400000
Reporting period: September 2018

File name: acak_ecb_50400000_201809.xml.zip

4.7.4 File name of a reminder regarding credit data:

The general structure of the reminder from the AnaCredit-BBk application is as follows:
acrm_{German bank identifier code}_{reporting period}.xml.zip

Example:
German bank identifier code of the observed agent: 50400000
Reporting period: September 2018

File name: acrm_50400000_201809.xml.zip

4.7.5 File name of a reminder regarding counterparty reference data:

The general structure of the reminder from the RIAD-BBk application is as follows:
rdrm_{German bank identifier code}_{reporting period}.xml.zip

Example:
German bank identifier code of the reporting agent: 50400000
Reporting period: September 2018

File name: rdrm_50400000_201809.xml.zip

4.7.6 File name of a DQI reply message regarding credit data:

The general structure of the file name for a DQI reply message from the AnaCredit-BBk application is as follows:
acdq_rvl_{German bank identifier code}_{reporting period}_{date}.xml.zip,
where all files that were submitted up to and including {date} are included in the calculation of the DQI. The German bank identifier code of the observed agent should be given for {German bank identifier code}.

Example:

German bank identifier code of the observed agent:	50400000
Reporting period:	September 2018
Latest submission date considered:	20 October 2018

File name: acdq_50400000_201809_20181020.xml.zip